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 Data File : VN077603.D
 Acq On : 05 May 2023 20:30
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: May 06 05:01:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 04:56:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.819	128	118473	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	692818	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	647075	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	279925	29.178	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.267%		
60) 4-Bromofluorobenzene	12.854	95	314589	30.634	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.100%		
63) Toluene-d8	10.572	98	886147	29.053	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.833%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.131	85	654577	77.246	ug/l	94
3) Chloromethane	2.372	50	503966	76.500	ug/l	97
4) Vinyl Chloride	2.519	62	659062	79.027	ug/l	97
5) Bromomethane	2.937	94	449279	74.137	ug/l	98
6) Chloroethane	3.119	64	426704	74.596	ug/l	98
7) Trichlorofluoromethane	3.501	101	961111	76.688	ug/l	94
8) Diethyl Ether	3.972	74	347223	77.069	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	530827	77.102	ug/l	99
10) 1,1-Dichloroethene	4.348	96	511057	78.009	ug/l	98
11) Methyl Iodide	4.595	142	652991	81.435	ug/l	98
12) Methyl Acetate	5.031	43	891375	78.442	ug/l	93
13) Acrolein	4.190	56	488874	377.761	ug/l	99
14) Acrylonitrile	5.731	53	1284683	383.149	ug/l	99
15) Acetone	4.442	58	340031	377.072	ug/l	94
16) Carbon Disulfide	4.719	76	1257060	78.347	ug/l	98
17) Allyl chloride	5.037	41	620831	75.899	ug/l	95
18) Methylene Chloride	5.290	84	597281	75.668	ug/l	97
19) trans-1,2-Dichloroethene	5.795	96	565884	78.639	ug/l	90
20) Diisopropyl ether	6.684	45	1532768	78.630	ug/l	95
21) 1,1-Dichloroethane	6.578	63	1015632	77.295	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	680502	78.330	ug/l	97
23) tert-Butyl Alcohol	5.542	59	526944	390.768	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	1862084	78.303	ug/l	99
25) Chloroform	7.972	83	1145848	77.864	ug/l	99
26) Cyclohexane	8.266	56	833780	77.993	ug/l #	99
29) 1,1-Dichloropropene	8.378	75	805946	79.400	ug/l	98
30) 2-Butanone	7.489	43	1601187	389.763	ug/l	97
31) 2,2-Dichloropropane	7.501	77	895849	80.092	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	1060475	79.595	ug/l	96
33) Carbon Tetrachloride	8.366	117	894138	80.780	ug/l	98
34) Benzene	8.613	78	2434801	77.742	ug/l	98
35) Methacrylonitrile	7.783	41	372158	81.680	ug/l	94
36) 1,2-Dichloroethane	8.678	62	864101	77.569	ug/l	100
37) Trichloroethene	9.354	130	604631	79.104	ug/l	100
38) Methylcyclohexane	9.607	83	1047633	82.188	ug/l	97
39) 1,2-Dichloropropane	9.625	63	589830	78.979	ug/l	94
40) Dibromomethane	9.713	93	449699	78.710	ug/l	98
41) Bromodichloromethane	9.889	83	918430	81.152	ug/l	100
42) Vinyl Acetate	6.613	43	4792990	399.733	ug/l	97

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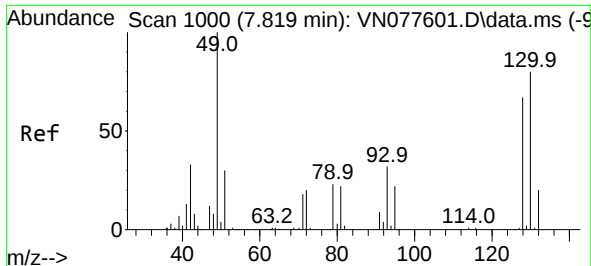
Instrument :
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Quant Time: May 06 05:01:57 2023
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 QLast Update : Sat May 06 04:56:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	684529	80.156	ug/l	# 94
44) Isopropyl Acetate	8.695	43	1168396	80.446	ug/l	98
45) 1,4-Dioxane	9.701	88	253083	1638.854	ug/l	98
46) Methyl methacrylate	9.683	41	528726	79.856	ug/l	99
47) n-amyl Acetate	12.495	43	995218	87.422	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	955061	84.338	ug/l	100
49) cis-1,3-Dichloropropene	10.319	75	1029929	82.961	ug/l	99
50) 1,1,2-Trichloroethane	11.019	97	634729	78.817	ug/l	96
51) Ethyl methacrylate	10.877	69	970777	82.319	ug/l	100
52) 1,3-Dichloropropane	11.166	76	1068061	78.938	ug/l	99
53) Dibromochloromethane	11.360	129	691795	84.400	ug/l	98
54) 1,2-Dibromoethane	11.471	107	657786	80.665	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	1691965	432.118	ug/l	98
56) Bromoform	12.583	173	436363	88.396	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	3476457	385.077	ug/l	99
59) 2-Hexanone	11.201	43	2560204	392.852	ug/l	99
61) Tetrachloroethene	11.107	164	463705	77.530	ug/l	97
62) Toluene	10.630	91	2812008	77.287	ug/l	99
64) Chlorobenzene	11.895	112	1696154	78.623	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	619162	78.570	ug/l	95
66) Ethyl Benzene	11.966	91	3158512	80.268	ug/l	98
67) m/p-Xylenes	12.071	106	2397341	159.785	ug/l	99
68) o-Xylene	12.401	106	1192778	79.884	ug/l	100
69) Styrene	12.413	104	1958540	83.312	ug/l	99
70) Isopropylbenzene	12.701	105	3137722	81.624	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	931181	77.896	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	1165767	113.259	ug/l	63
73) Bromobenzene	12.983	156	640485	80.717	ug/l	97
74) n-propylbenzene	13.036	91	3605769	84.525	ug/l	99
75) 2-Chlorotoluene	13.130	91	2191963	82.545	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	2623592	88.149	ug/l	100
77) t-1,4-Dichloro-2-butene	12.742	75	285966	91.676	ug/l	90
78) 4-Chlorotoluene	13.224	91	2097217	83.509	ug/l	100
79) tert-butylbenzene	13.442	119	2234276	81.548	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	2575931	92.963	ug/l	99
81) sec-Butylbenzene	13.618	105	3245863	85.344	ug/l	100
82) p-Isopropyltoluene	13.730	119	2566621	87.792	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	1181385	83.324	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	1193464	85.568	ug/l	99
85) n-Butylbenzene	14.060	91	2222659	96.728	ug/l	100
86) Hexachloroethane	14.336	117	493301	86.320	ug/l	99
87) 1,2-Dichlorobenzene	14.107	146	1192057	83.215	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	187593	82.761	ug/l	96
89) 1,2,4-Trichlorobenzene	15.401	180	459872	79.674	ug/l	99
90) Hexachlorobutadiene	15.501	225	245396	84.653	ug/l	93
91) Naphthalene	15.642	128	1758122	79.329	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	421239	78.667	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

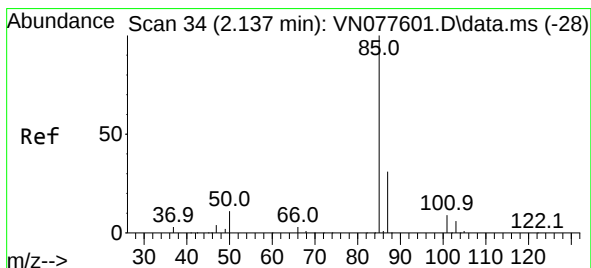
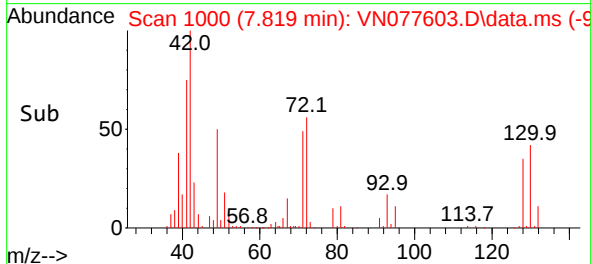
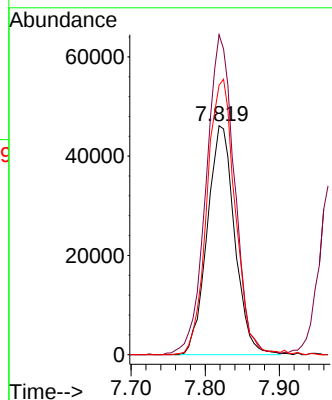
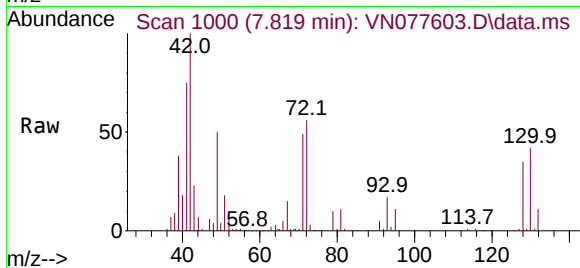
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

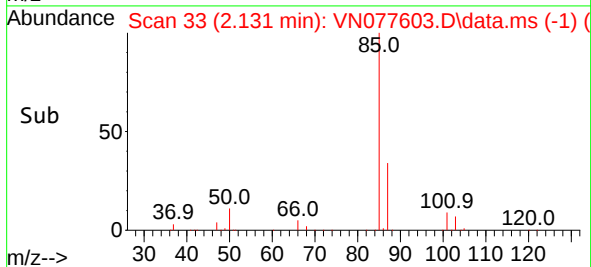
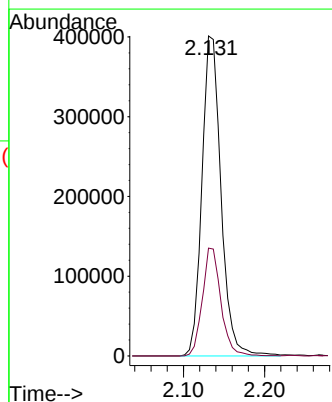
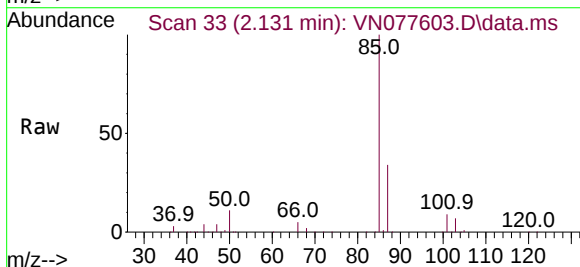
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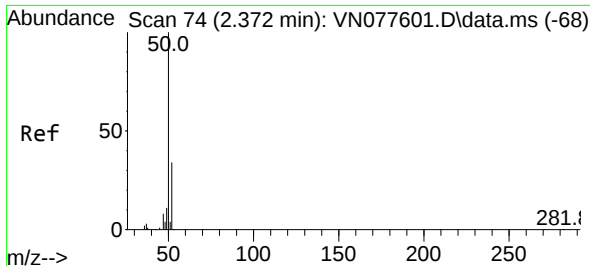
Tgt Ion:128 Resp: 118473
Ion Ratio Lower Upper
128 100
49 144.6 0.0 369.8
130 123.3 0.0 317.8



#2
Dichlorodifluoromethane
Concen: 77.246 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 85 Resp: 654577
Ion Ratio Lower Upper
85 100
87 33.7 15.3 45.9

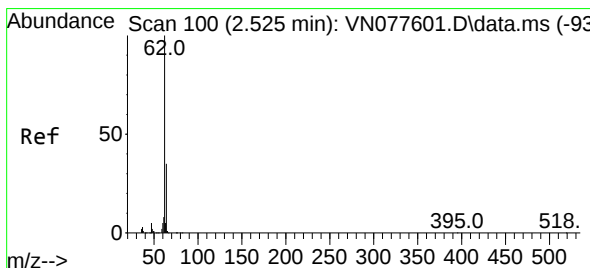
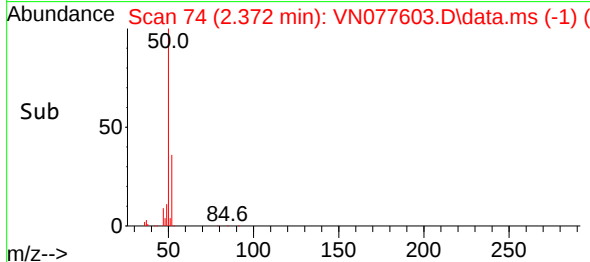
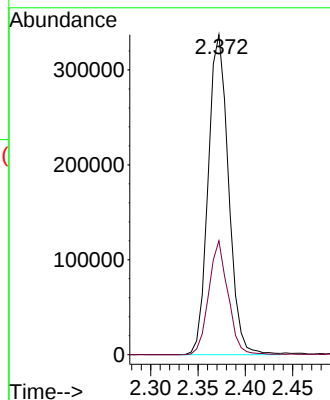
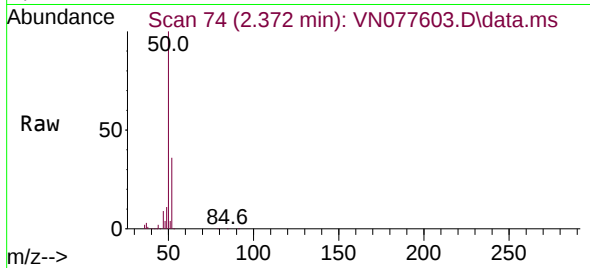




#3
Chloromethane
Concen: 76.500 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

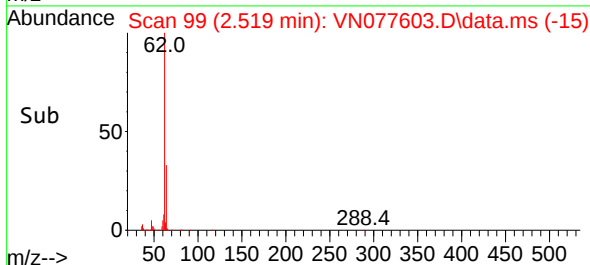
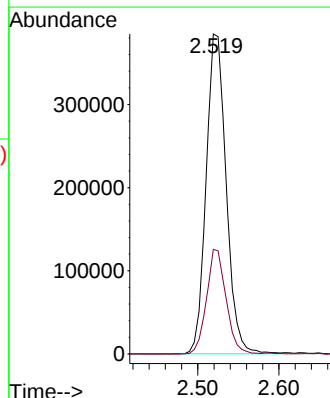
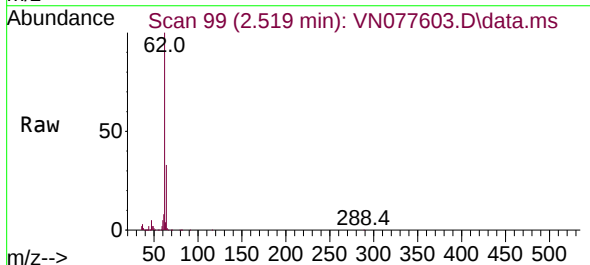
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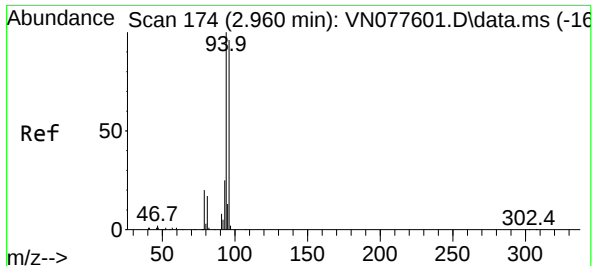
Tgt Ion: 50 Resp: 503966
Ion Ratio Lower Upper
50 100
52 35.6 27.3 40.9



#4
Vinyl Chloride
Concen: 79.027 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 62 Resp: 659062
Ion Ratio Lower Upper
62 100
64 32.7 27.8 41.6

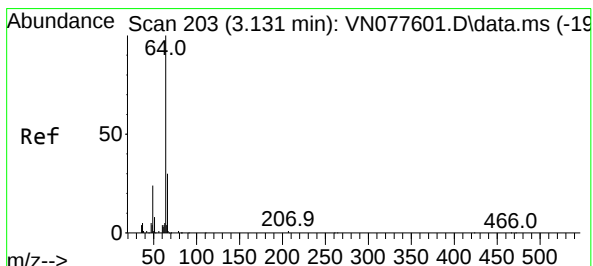
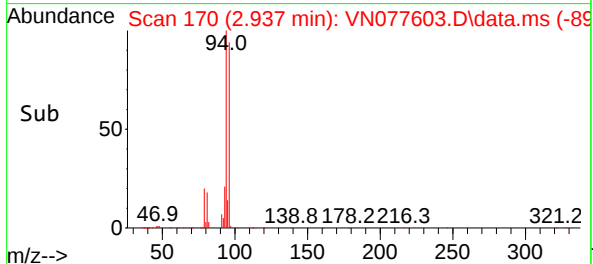
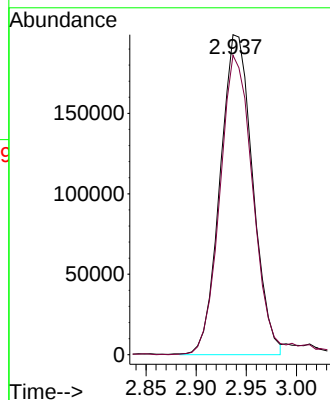
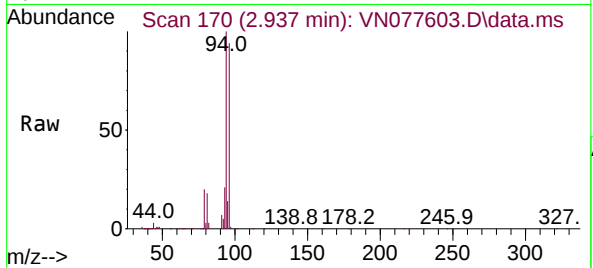




#5
Bromomethane
Concen: 74.137 ug/l
RT: 2.937 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

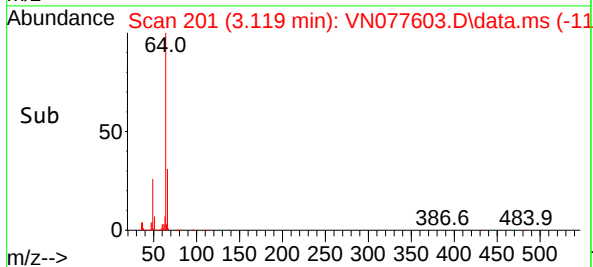
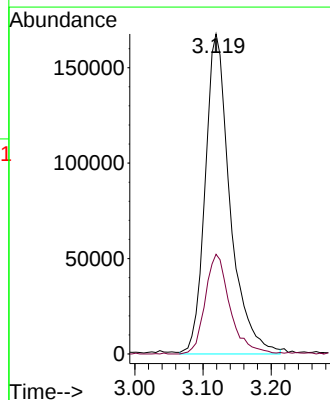
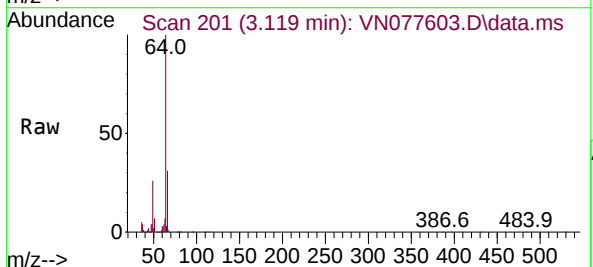
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ClientSampleId :
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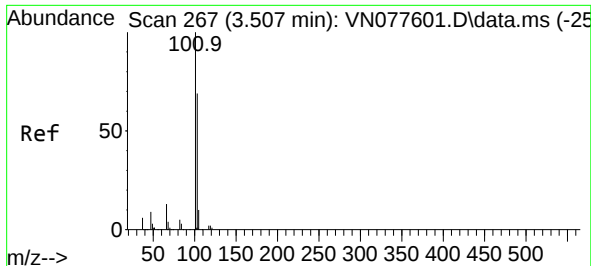
Tgt Ion: 94 Resp: 449279
Ion Ratio Lower Upper
94 100
96 93.6 76.7 115.1



#6
Chloroethane
Concen: 74.596 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.012 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 64 Resp: 426704
Ion Ratio Lower Upper
64 100
66 31.3 24.2 36.4

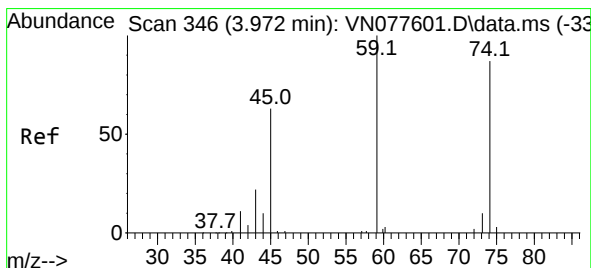
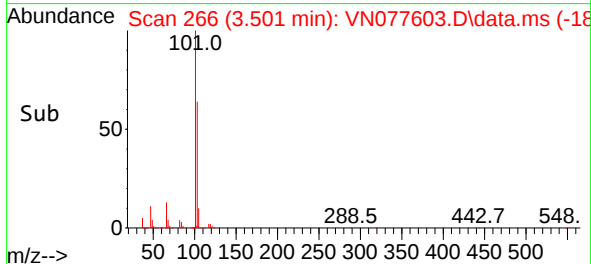
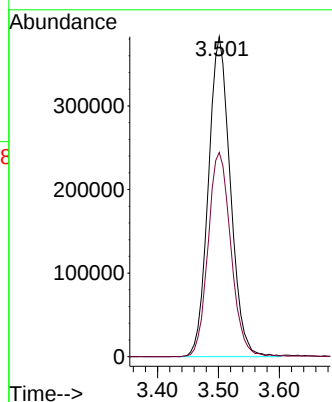
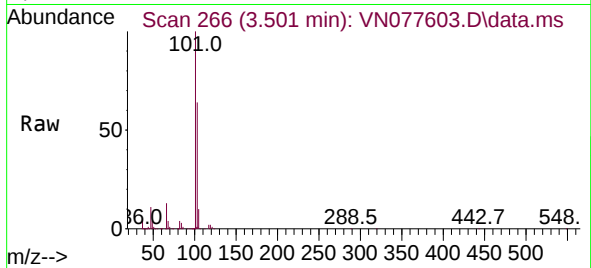




#7
Trichlorofluoromethane
Concen: 76.688 ug/l
RT: 3.501 min Scan# 266
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

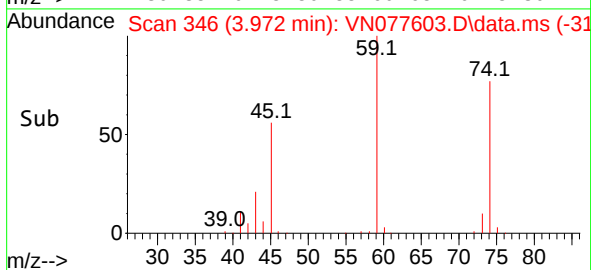
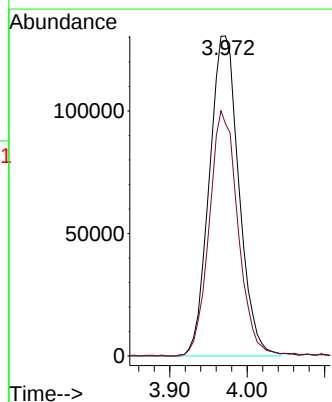
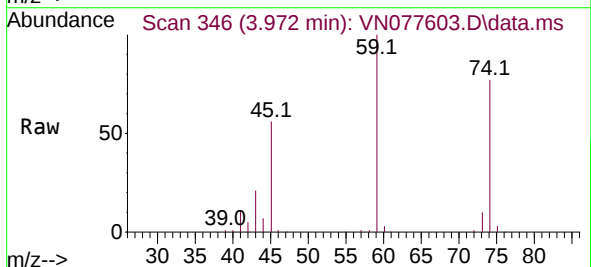
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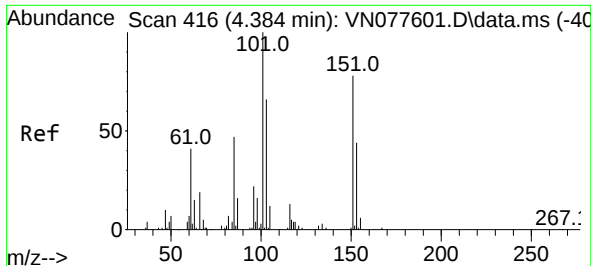
Tgt Ion:101 Resp: 961111
Ion Ratio Lower Upper
101 100
103 63.8 55.0 82.4



#8
Diethyl Ether
Concen: 77.069 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 74 Resp: 347223
Ion Ratio Lower Upper
74 100
45 74.5 14.8 133.2

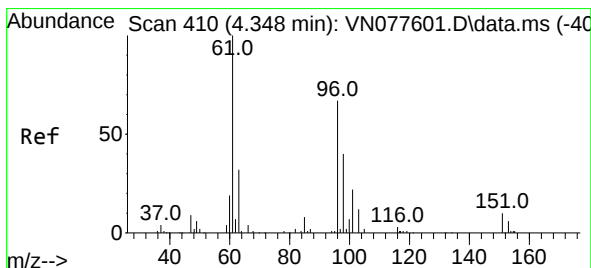
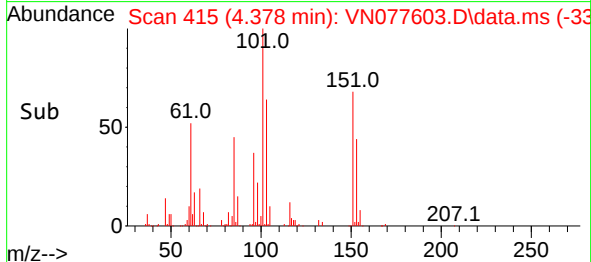
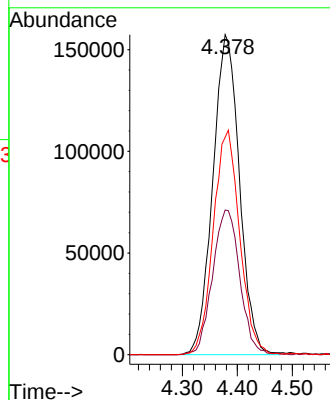
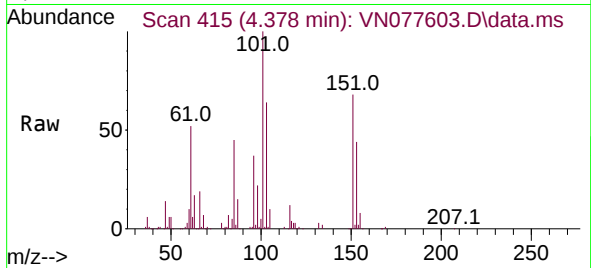




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 77.102 ug/l
 RT: 4.378 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30

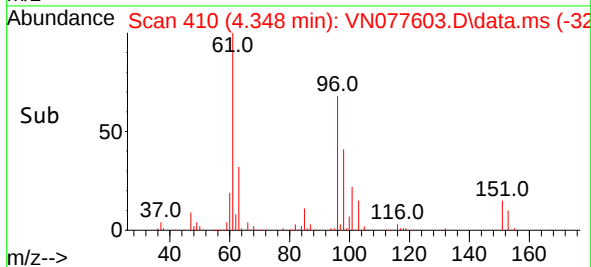
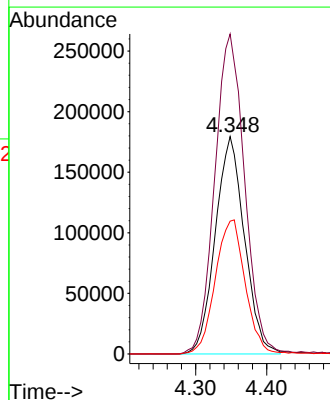
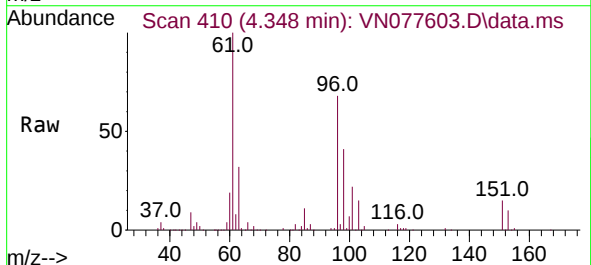
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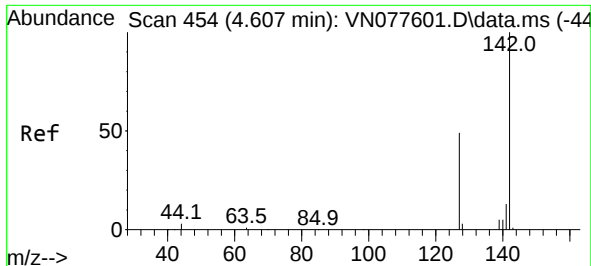
Tgt Ion:101 Resp: 530827
 Ion Ratio Lower Upper
 101 100
 85 46.0 0.0 92.6
 151 69.4 0.0 137.4



#10
 1,1-Dichloroethene
 Concen: 78.009 ug/l
 RT: 4.348 min Scan# 410
 Delta R.T. 0.000 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30

Tgt Ion: 96 Resp: 511057
 Ion Ratio Lower Upper
 96 100
 61 147.0 120.1 180.1
 98 61.0 48.3 72.5

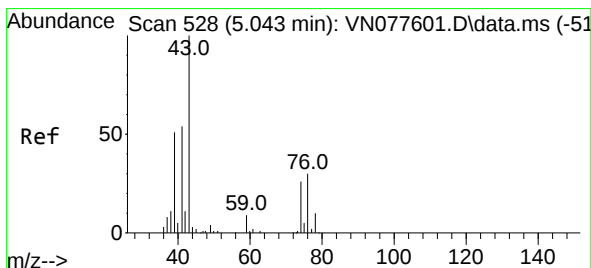
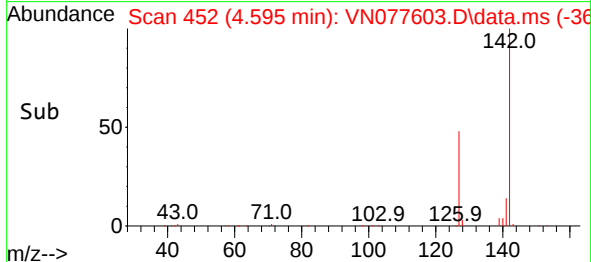
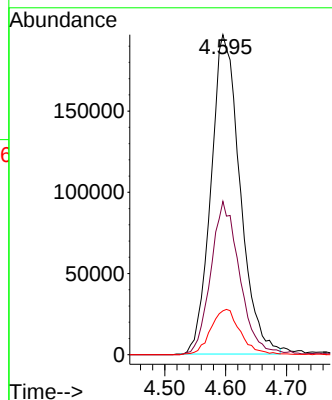
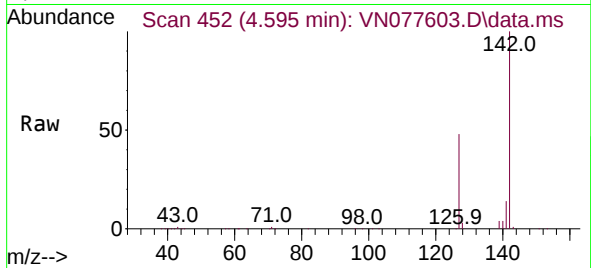




#11
Methyl Iodide
Concen: 81.435 ug/l
RT: 4.595 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

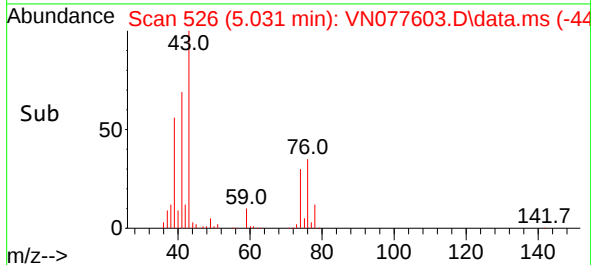
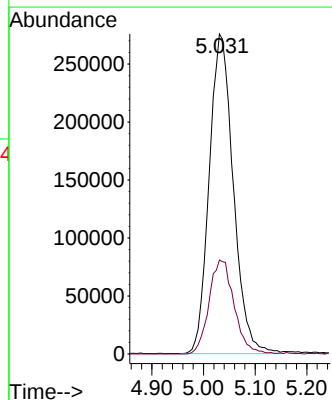
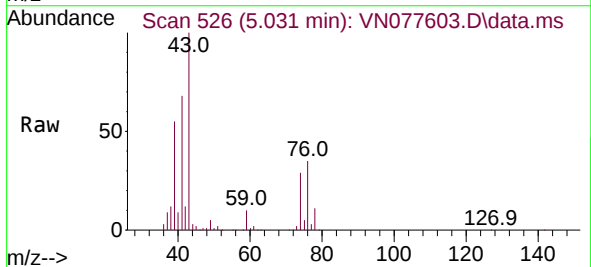
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

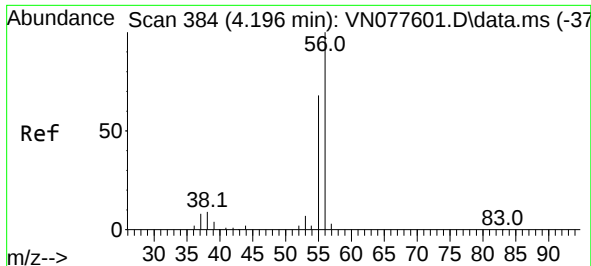
Tgt Ion:142 Resp: 652991
Ion Ratio Lower Upper
142 100
127 47.9 24.6 73.6
141 13.7 6.4 19.2



#12
Methyl Acetate
Concen: 78.442 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 43 Resp: 891375
Ion Ratio Lower Upper
43 100
74 29.3 20.6 31.0

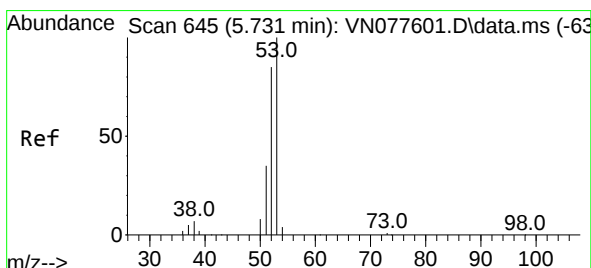
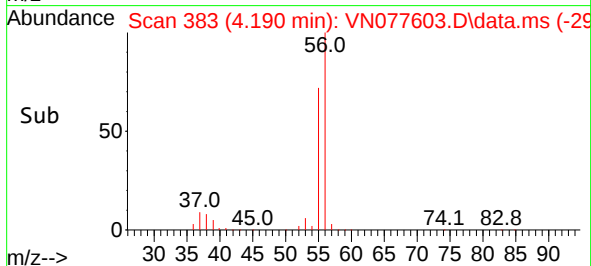
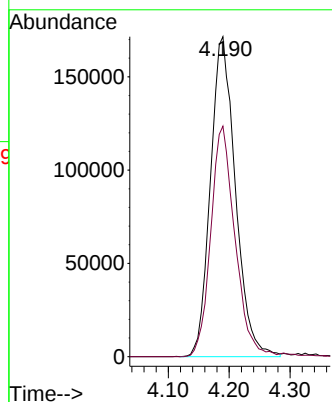
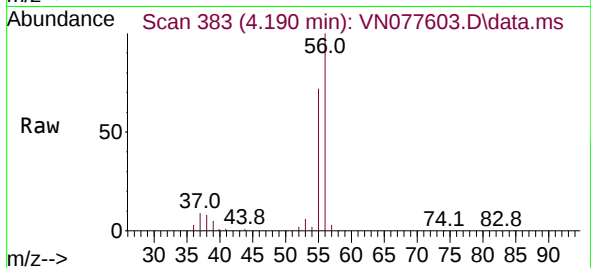




#13
Acrolein
Concen: 377.761 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

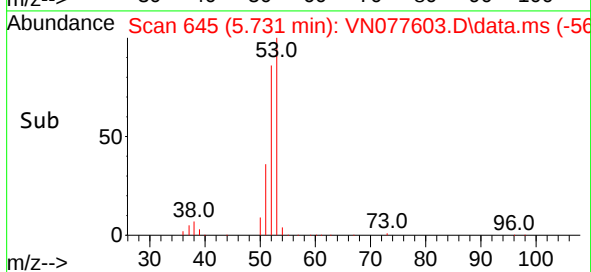
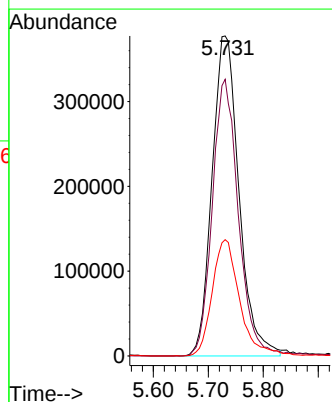
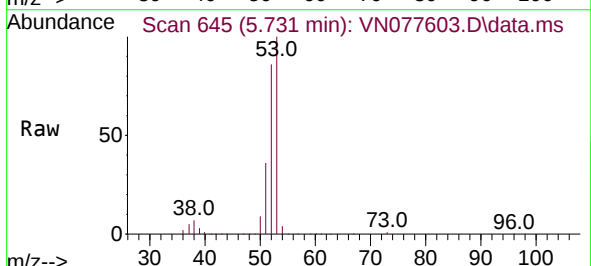
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

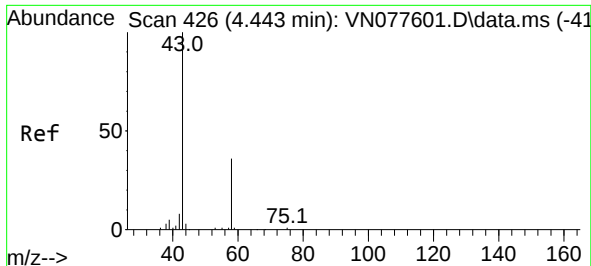
Tgt Ion: 56 Resp: 488874
Ion Ratio Lower Upper
56 100
55 69.7 54.8 82.2



#14
Acrylonitrile
Concen: 383.149 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 53 Resp: 1284683
Ion Ratio Lower Upper
53 100
52 83.3 41.6 124.8
51 36.8 17.6 52.9





#15

Acetone

Concen: 377.072 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

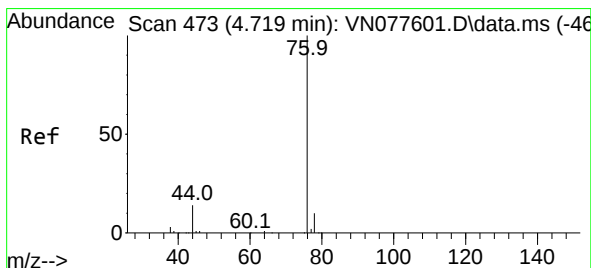
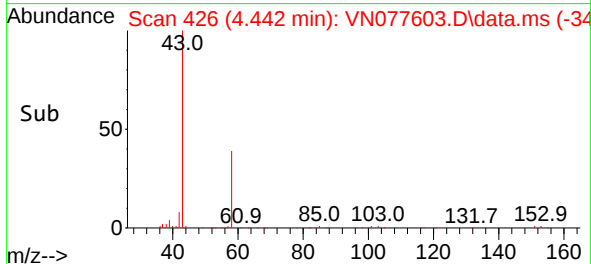
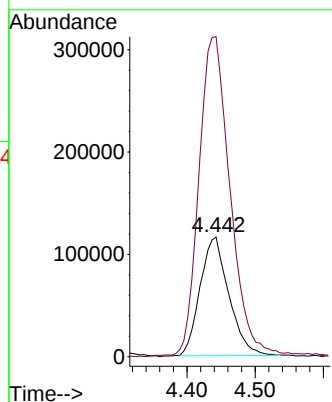
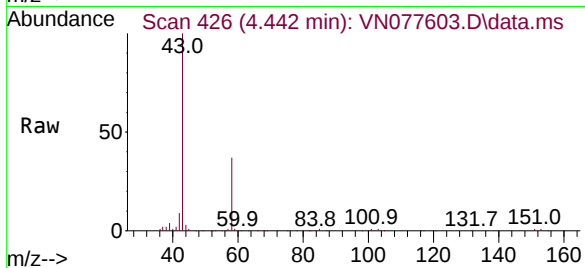
VSTDICC075

Tgt Ion: 58 Resp: 340031

Ion Ratio Lower Upper

58 100

43 266.8 223.2 334.8



#16

Carbon Disulfide

Concen: 78.347 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077603.D

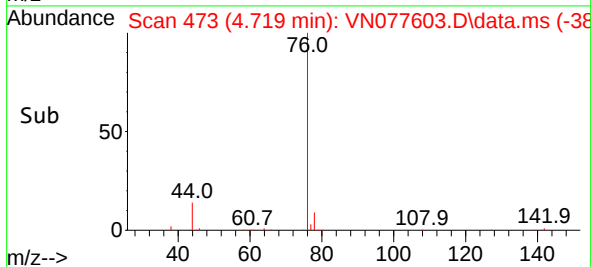
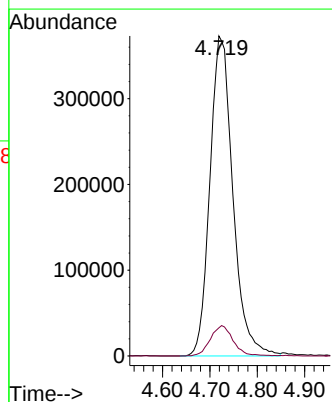
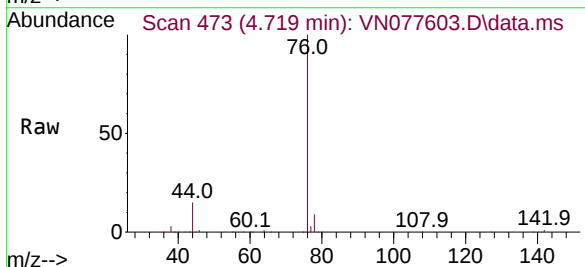
Acq: 05 May 2023 20:30

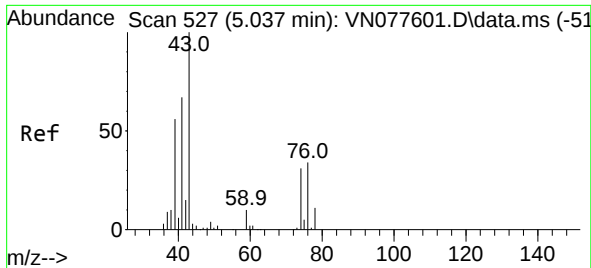
Tgt Ion: 76 Resp: 1257060

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4





#17

Allyl chloride

Concen: 75.899 ug/l

RT: 5.037 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

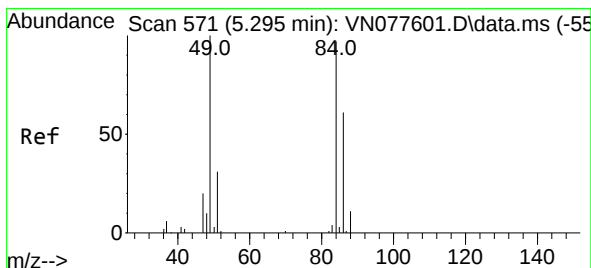
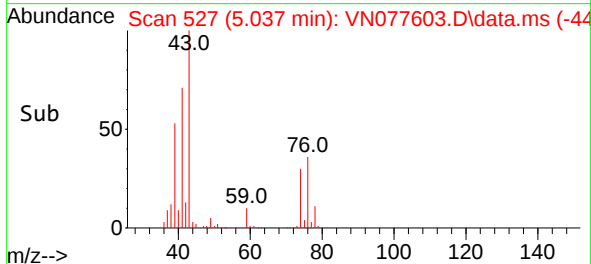
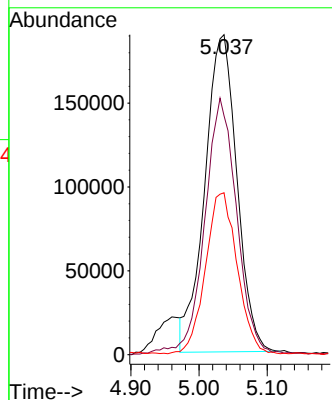
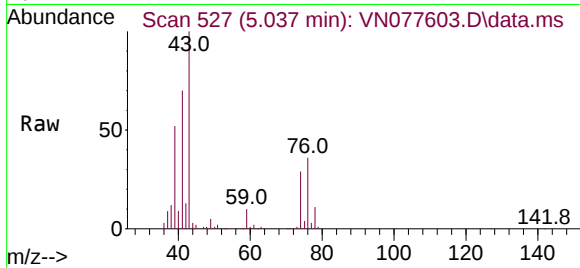
Tgt Ion: 41 Resp: 620831

Ion Ratio Lower Upper

41 100

39 74.6 39.5 118.3

76 50.8 23.4 70.3



#18

Methylene Chloride

Concen: 75.668 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.005 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Tgt Ion: 84 Resp: 597281

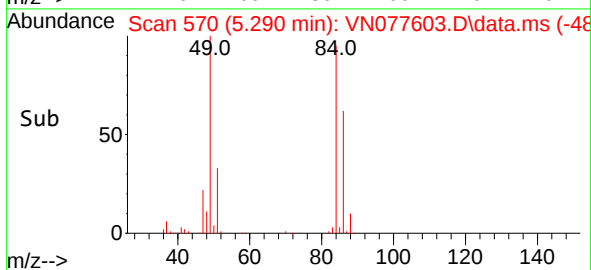
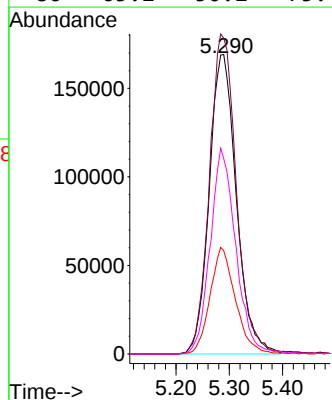
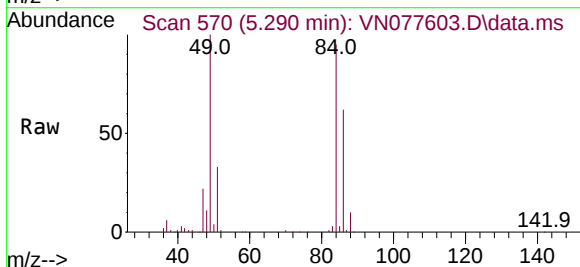
Ion Ratio Lower Upper

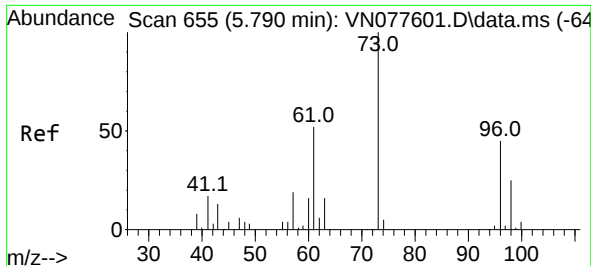
84 100

49 105.2 82.4 123.6

51 34.4 25.1 37.7

86 65.2 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 78.639 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

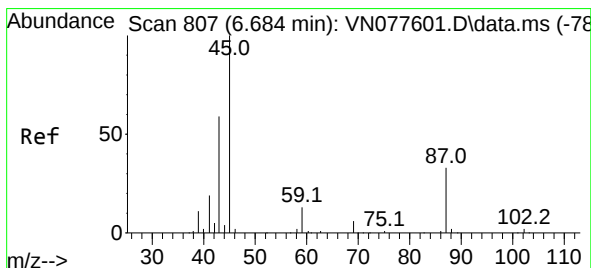
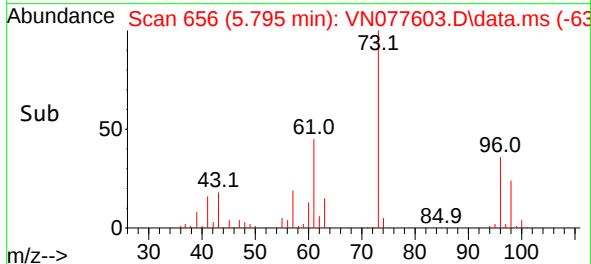
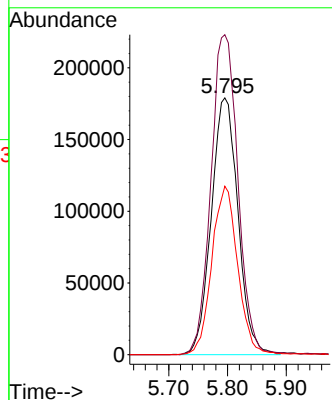
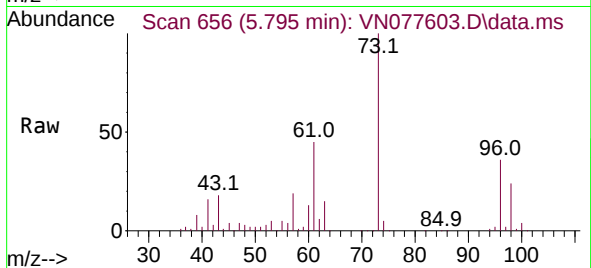
Tgt Ion: 96 Resp: 565884

Ion Ratio Lower Upper

96 100

61 124.6 92.4 138.6

98 65.5 44.8 67.2



#20

Diisopropyl ether

Concen: 78.630 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Tgt Ion: 45 Resp: 1532768

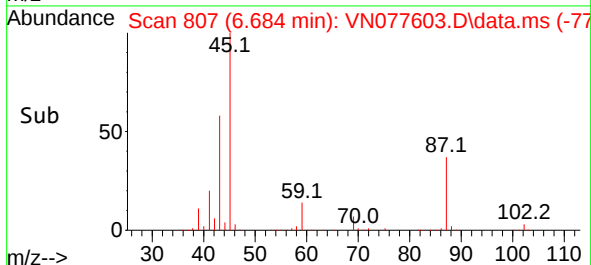
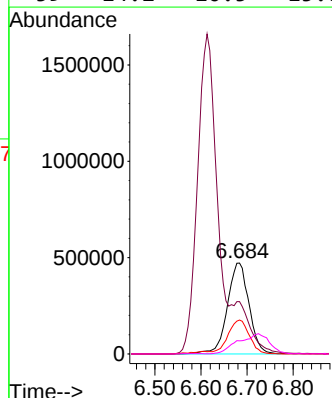
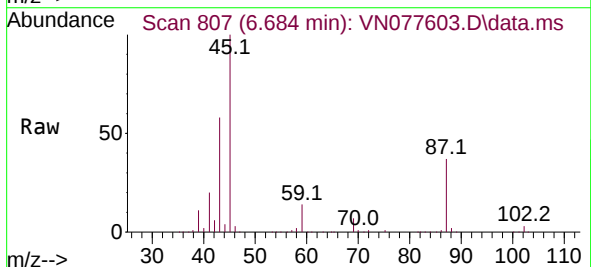
Ion Ratio Lower Upper

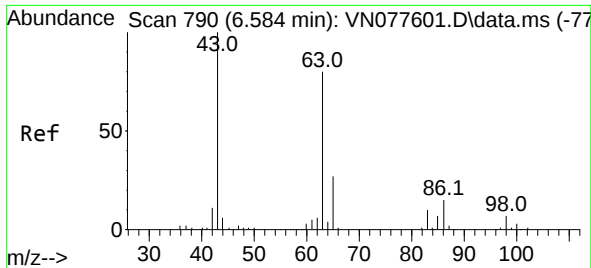
45 100

43 55.7 47.1 70.7

87 37.2 26.2 39.2

59 14.2 10.5 15.7





#21

1,1-Dichloroethane

Concen: 77.295 ug/l

RT: 6.578 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

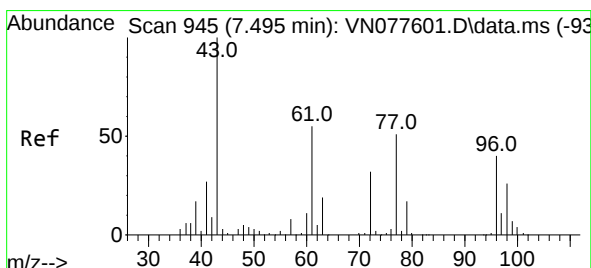
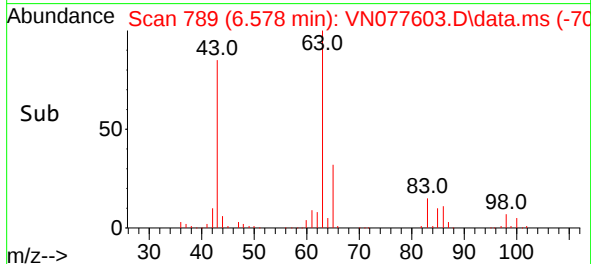
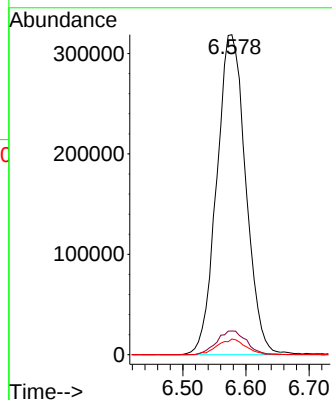
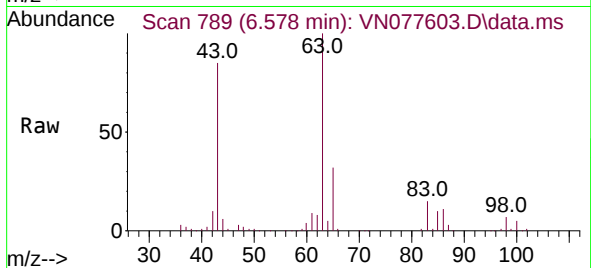
MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 63 Resp: 1015632

Ion	Ratio	Lower	Upper
63	100		
98	7.4	4.3	13.1
100	4.9	2.3	6.8



#22

cis-1,2-Dichloroethene

Concen: 78.330 ug/l

RT: 7.495 min Scan# 945

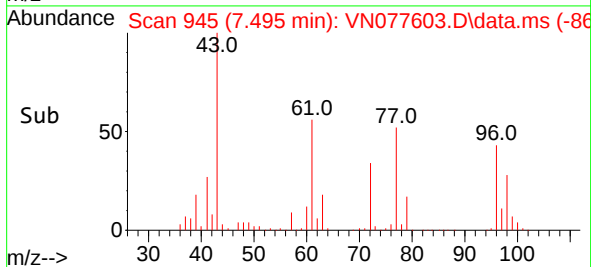
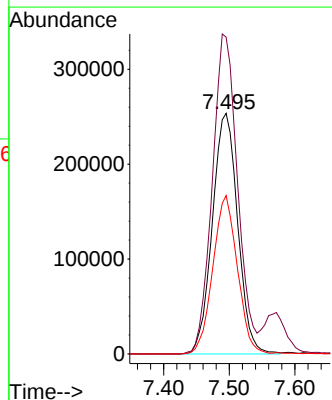
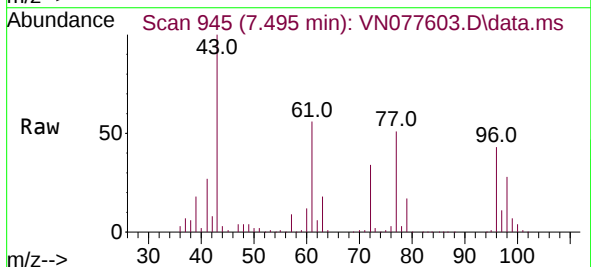
Delta R.T. 0.000 min

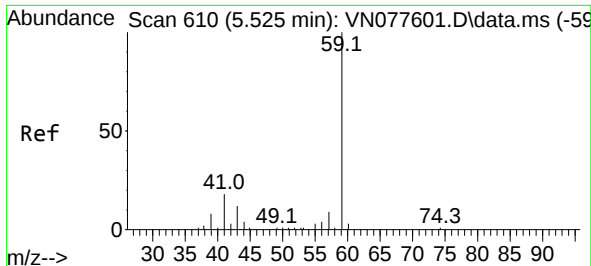
Lab File: VN077603.D

Acq: 05 May 2023 20:30

Tgt Ion: 96 Resp: 680502

Ion	Ratio	Lower	Upper
96	100		
61	132.2	109.4	164.0
98	63.6	51.2	76.8

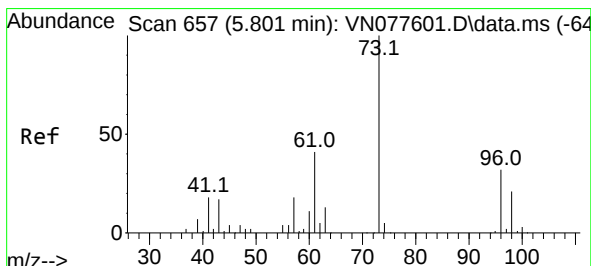
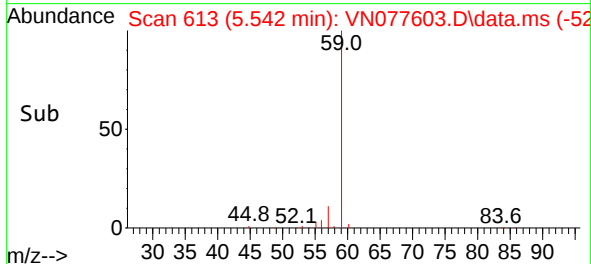
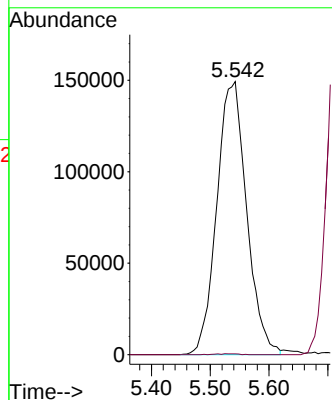
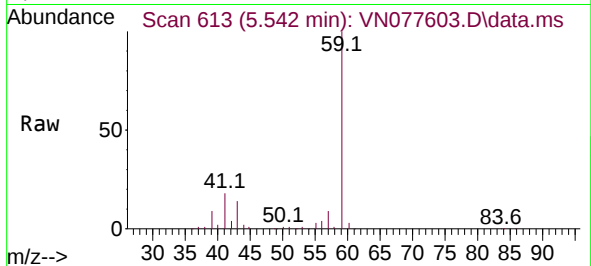




#23
tert-Butyl Alcohol
Concen: 390.768 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.017 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

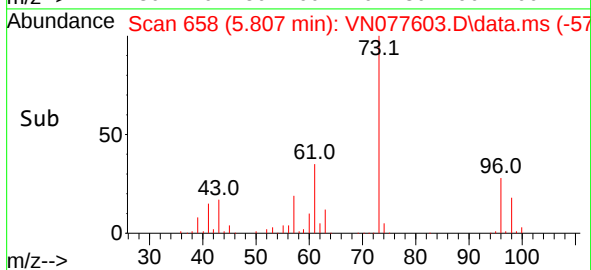
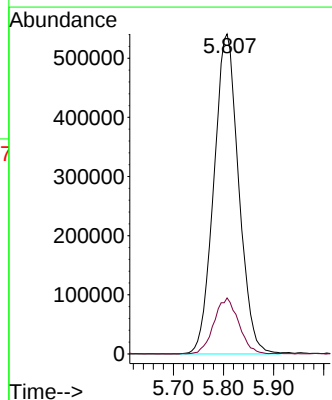
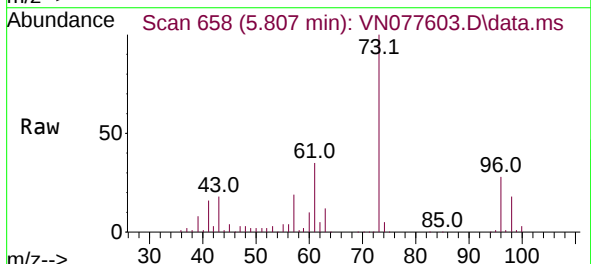
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

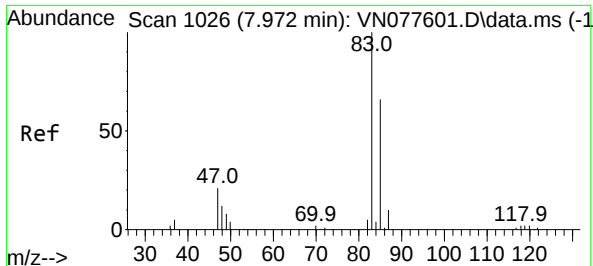
Tgt Ion: 59 Resp: 526944
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 78.303 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 73 Resp: 1862084
Ion Ratio Lower Upper
73 100
43 17.4 14.3 21.5





#25

Chloroform

Concen: 77.864 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

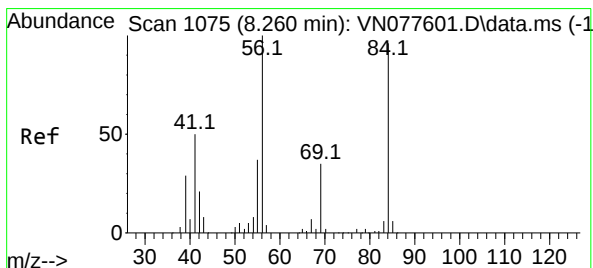
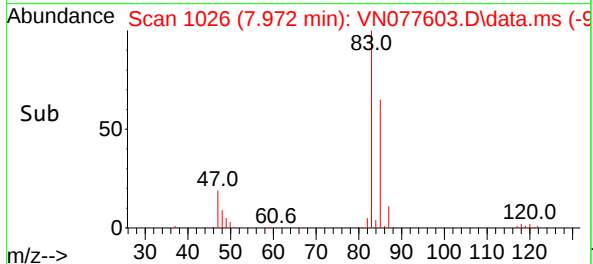
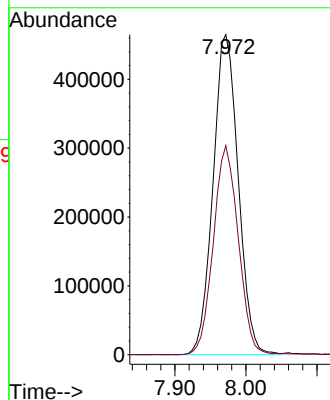
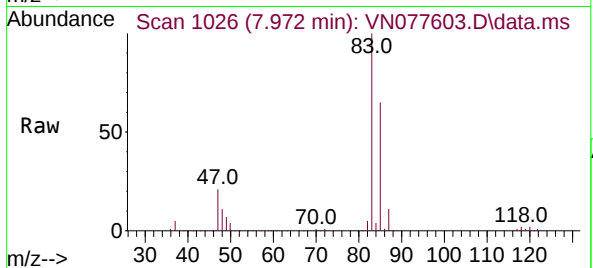
VSTDICC075

Tgt Ion: 83 Resp: 1145848

Ion Ratio Lower Upper

83 100

85 65.3 53.0 79.6



#26

Cyclohexane

Concen: 77.993 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

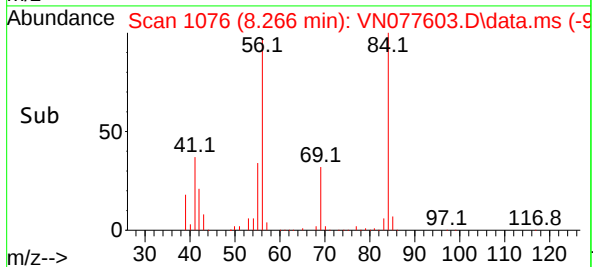
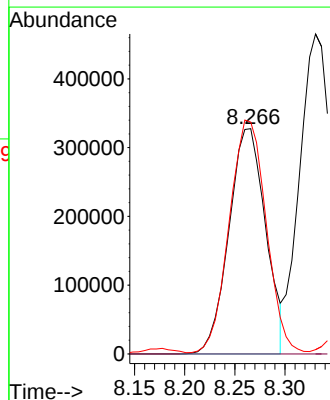
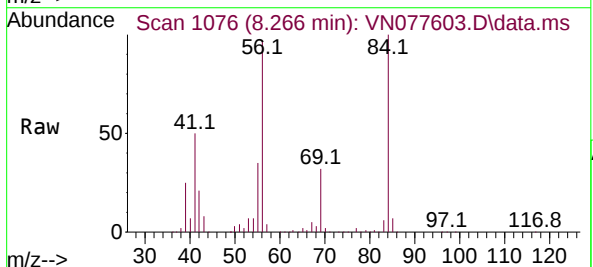
Tgt Ion: 56 Resp: 833780

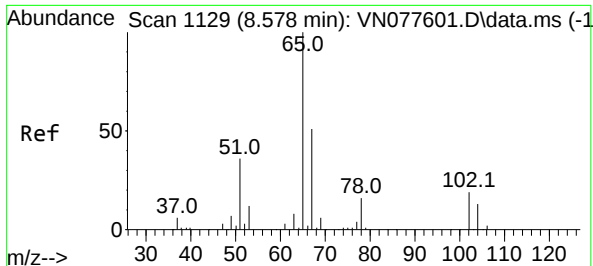
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 104.9 84.6 126.8

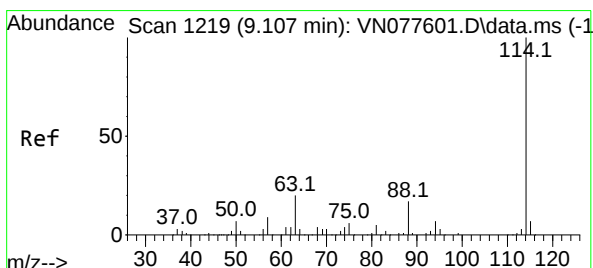
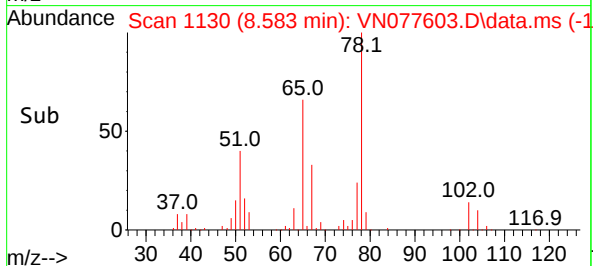
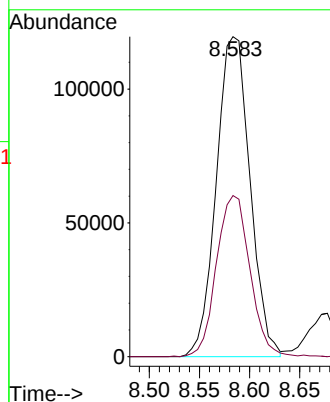
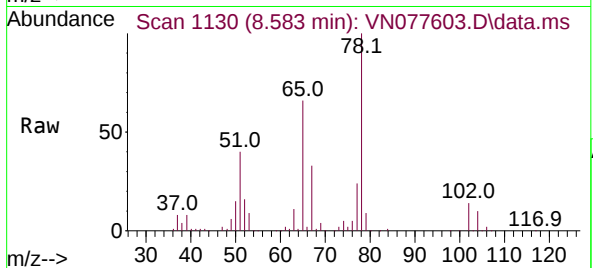




#27
1,2-Dichloroethane-d4
Concen: 29.178 ug/l
RT: 8.583 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

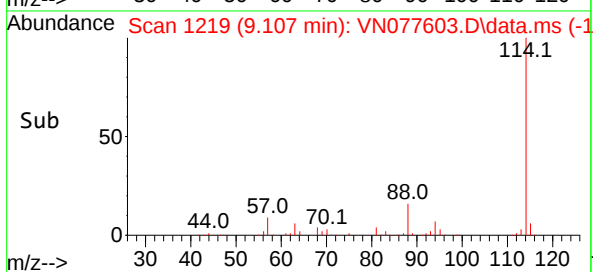
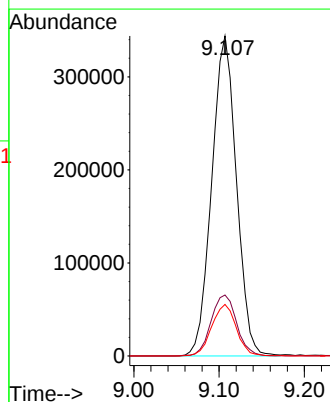
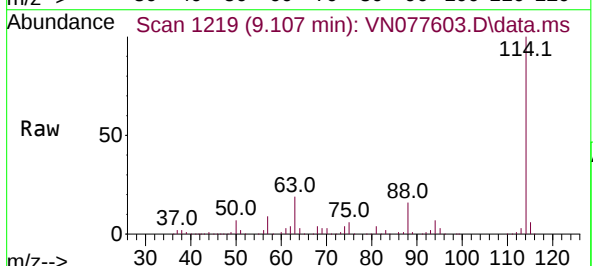
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

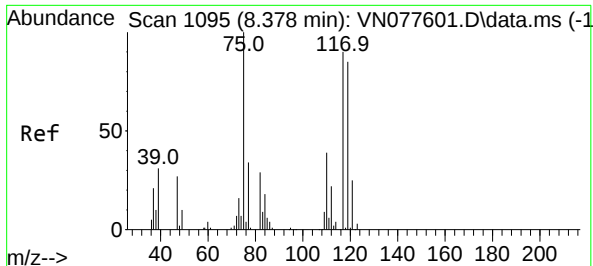
Tgt Ion: 65 Resp: 279925
Ion Ratio Lower Upper
65 100
67 49.9 41.3 61.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 114 Resp: 692818
Ion Ratio Lower Upper
114 100
63 19.8 15.8 23.6
88 16.0 13.0 19.4





#29

1,1-Dichloropropene

Concen: 79.400 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

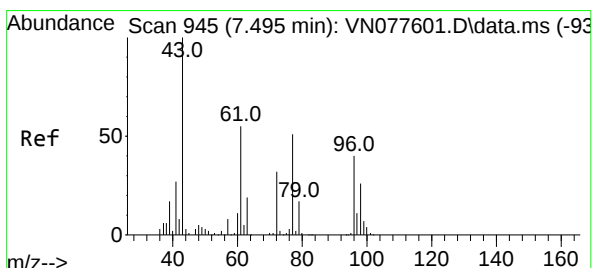
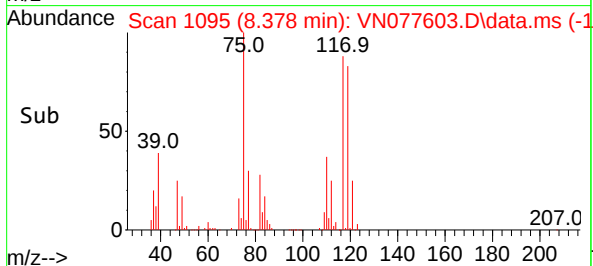
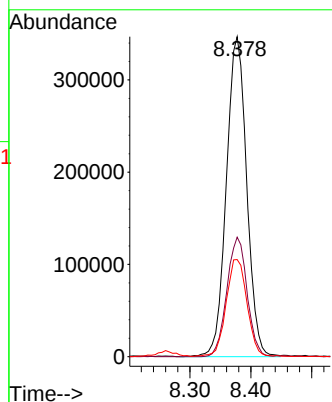
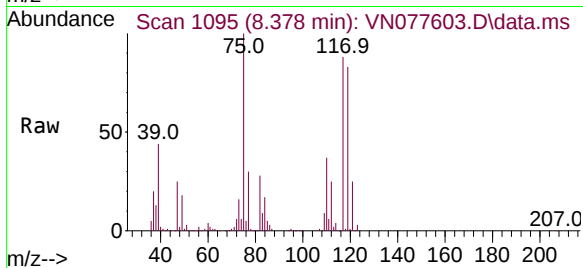
Tgt Ion: 75 Resp: 805946

Ion Ratio Lower Upper

75 100

110 37.1 0.0 69.8

77 31.0 0.0 61.4



#30

2-Butanone

Concen: 389.763 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

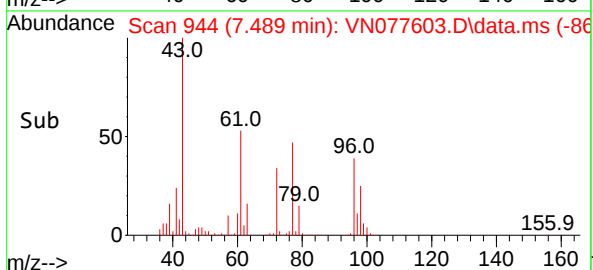
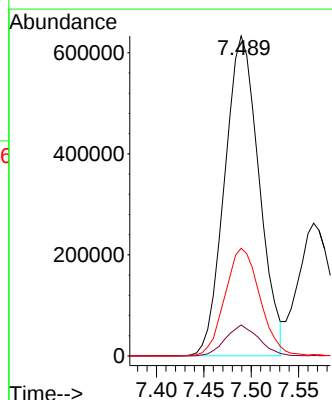
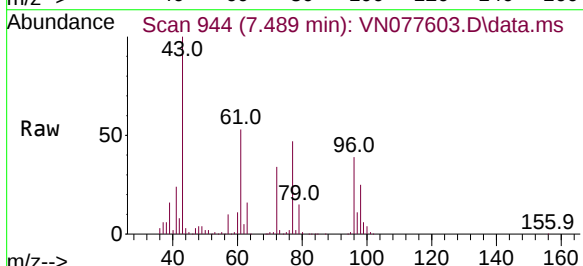
Tgt Ion: 43 Resp: 1601187

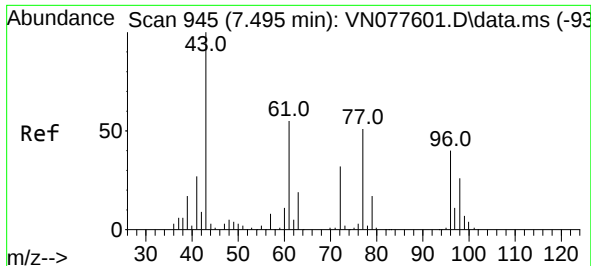
Ion Ratio Lower Upper

43 100

57 9.4 7.2 10.8

72 34.4 26.2 39.2

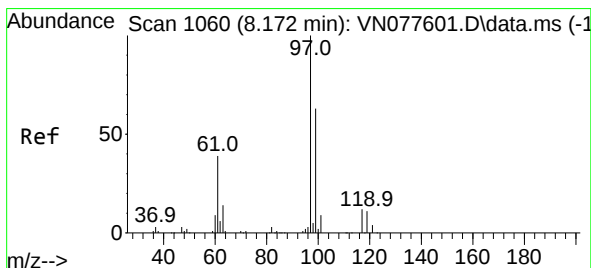
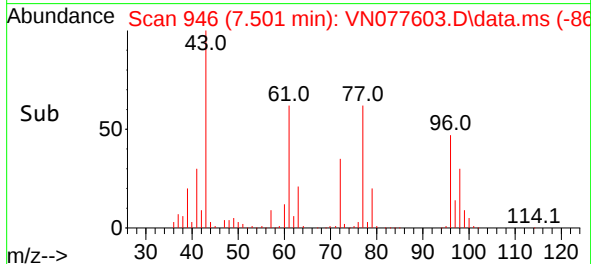
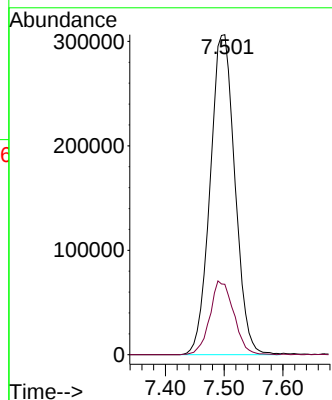
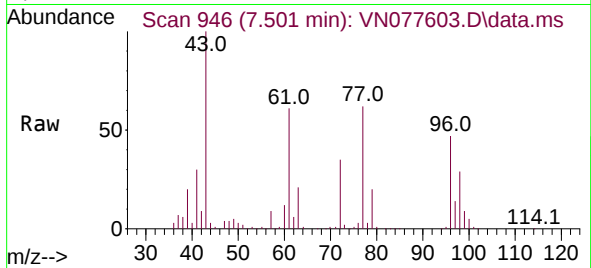




#31
2,2-Dichloropropane
Concen: 80.092 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

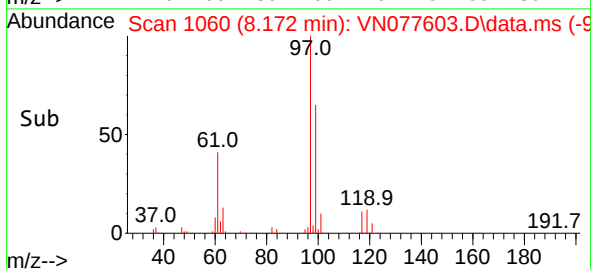
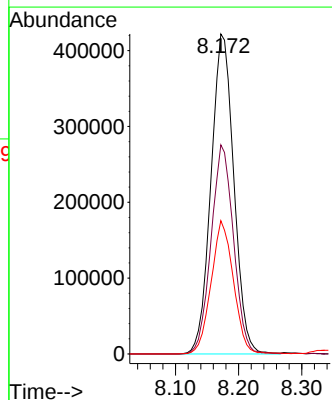
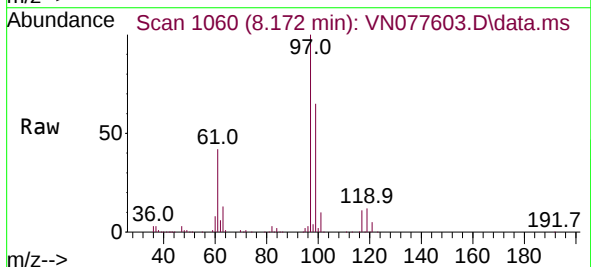
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

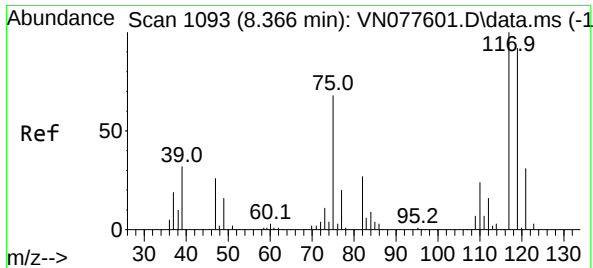
Tgt Ion: 77 Resp: 895849
Ion Ratio Lower Upper
77 100
97 22.2 19.1 28.7



#32
1,1,1-Trichloroethane
Concen: 79.595 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 97 Resp: 1060475
Ion Ratio Lower Upper
97 100
99 64.1 53.1 79.7
61 40.6 35.1 52.7

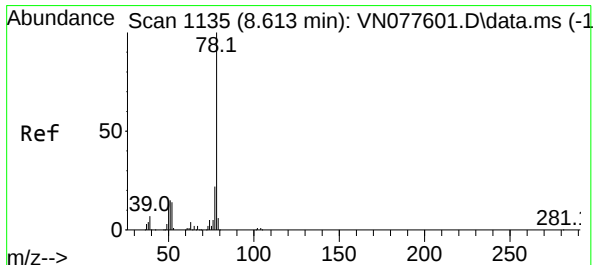
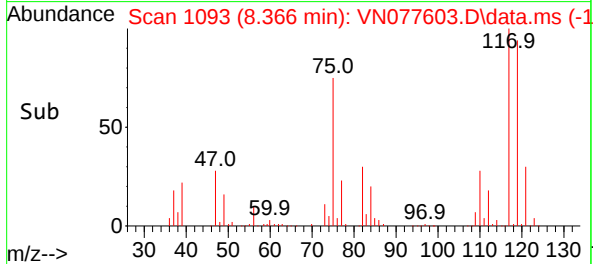
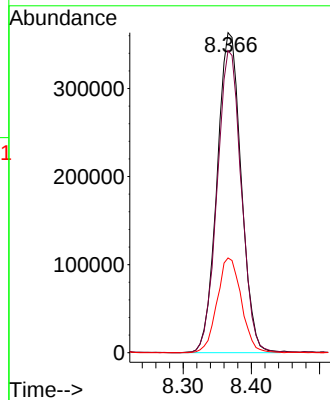
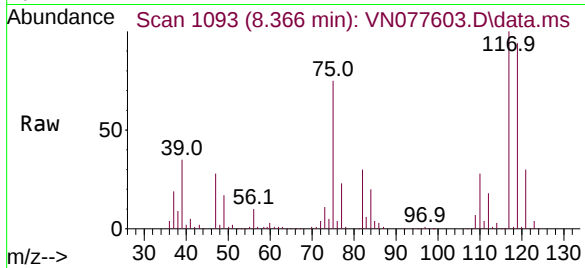




#33
Carbon Tetrachloride
Concen: 80.780 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

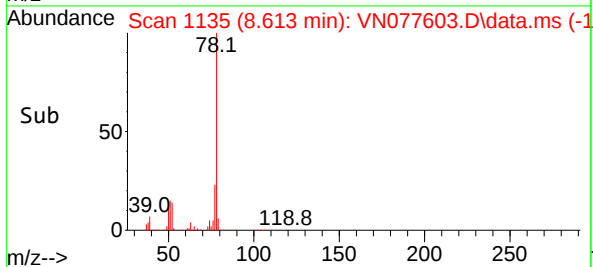
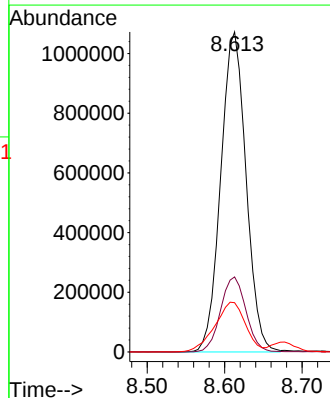
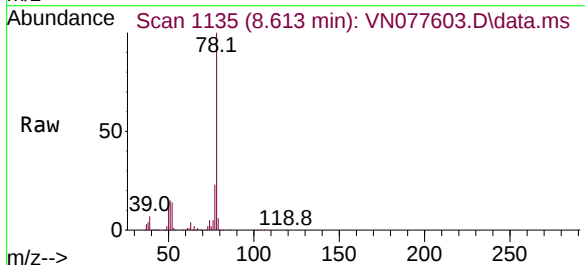
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

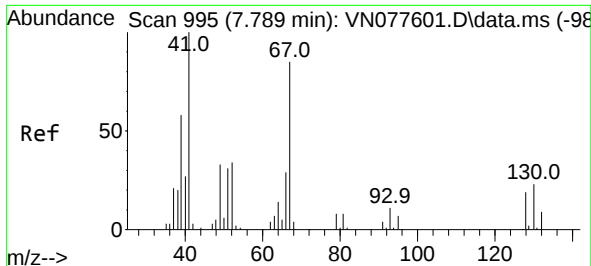
Tgt Ion:117 Resp: 894138
Ion Ratio Lower Upper
117 100
119 94.4 73.9 110.9
121 29.6 25.0 37.4



#34
Benzene
Concen: 77.742 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 78 Resp: 2434801
Ion Ratio Lower Upper
78 100
77 23.4 17.2 25.8
51 15.3 12.3 18.5



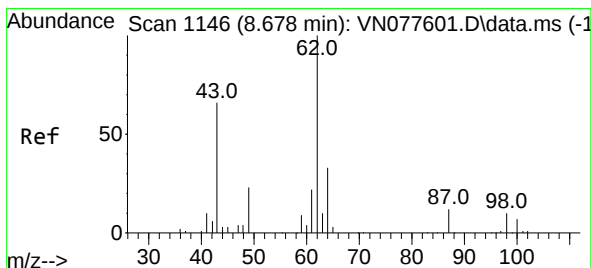
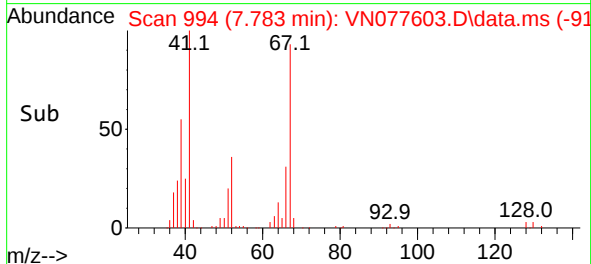
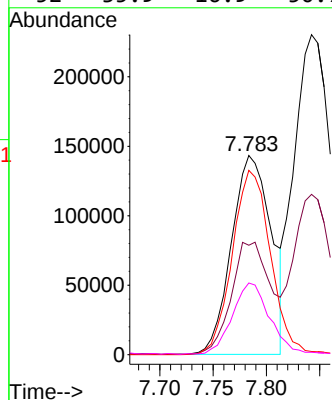
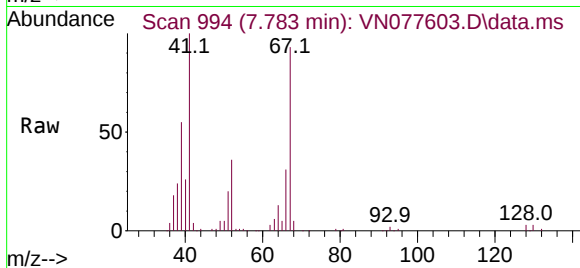


#35
Methacrylonitrile
Concen: 81.680 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 41 Resp: 372158

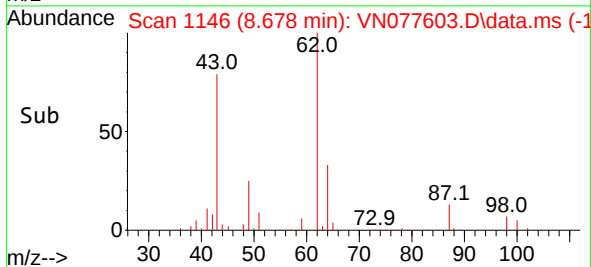
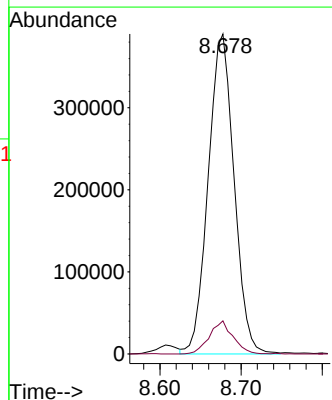
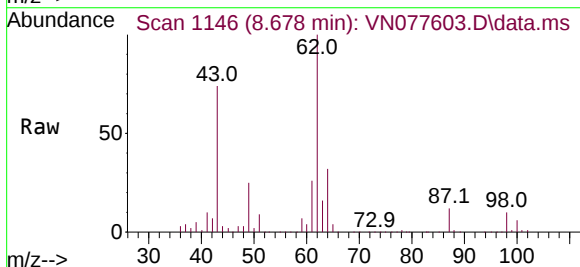
Ion	Ratio	Lower	Upper
41	100		
39	54.7	28.7	86.3
67	92.7	42.7	128.1
52	35.9	16.9	50.7

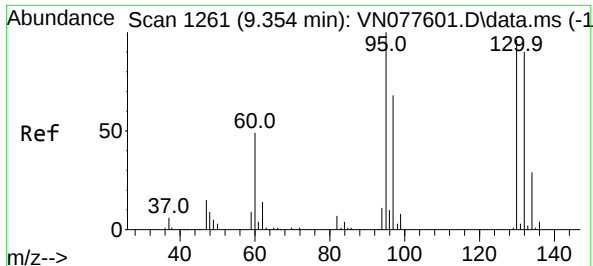


#36
1,2-Dichloroethane
Concen: 77.569 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 62 Resp: 864101

Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.6	11.4





#37

Trichloroethene

Concen: 79.104 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

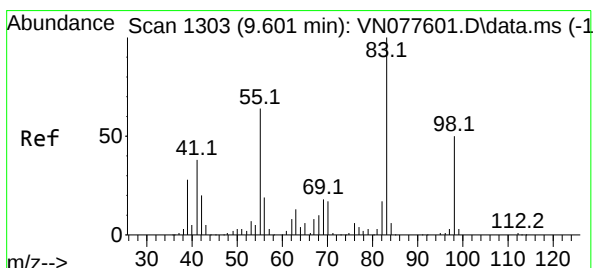
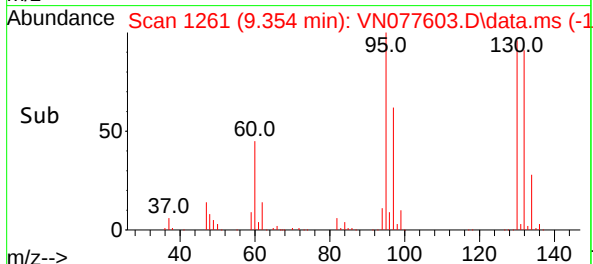
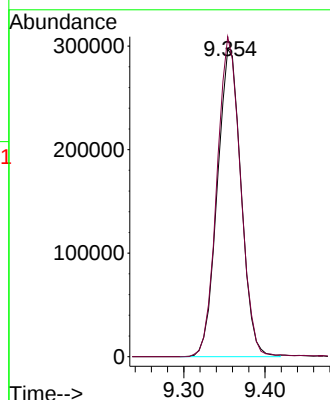
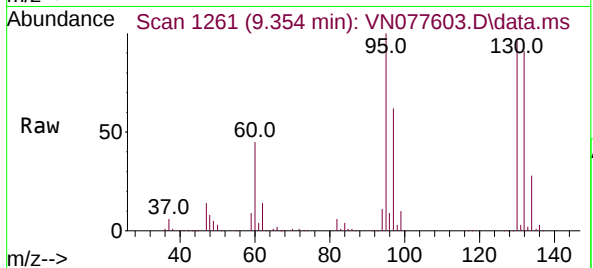
VSTDICC075

Tgt Ion:130 Resp: 604631

Ion Ratio Lower Upper

130 100

95 104.1 83.0 124.6



#38

Methylcyclohexane

Concen: 82.188 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

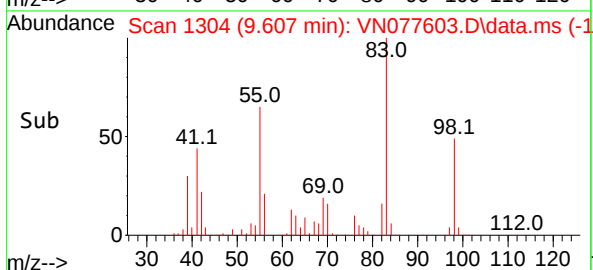
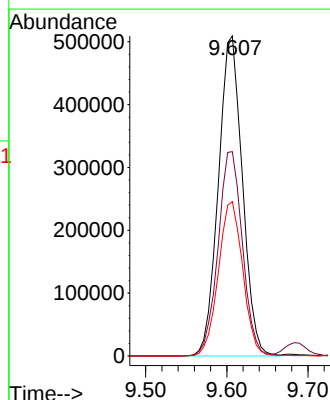
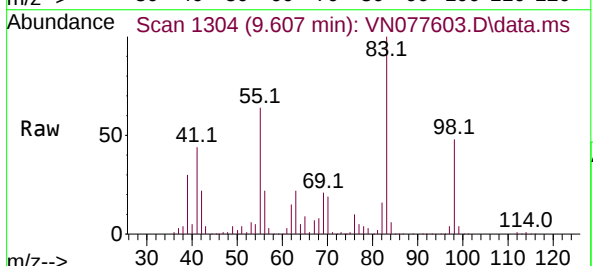
Tgt Ion: 83 Resp: 1047633

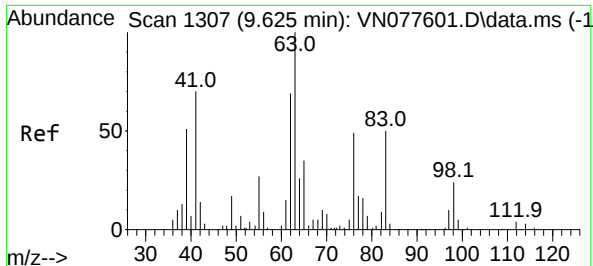
Ion Ratio Lower Upper

83 100

55 64.7 33.6 100.8

98 49.0 25.3 75.8





#39

1,2-Dichloropropane

Concen: 78.979 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

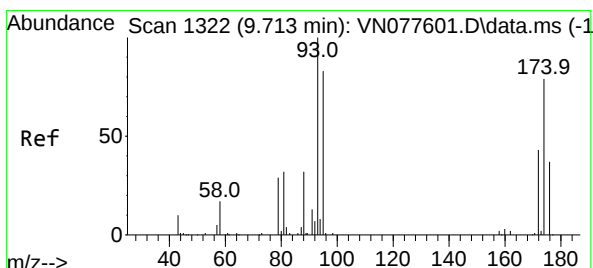
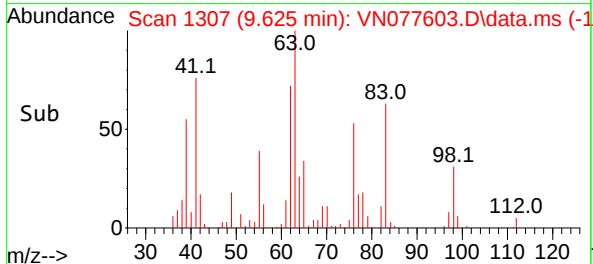
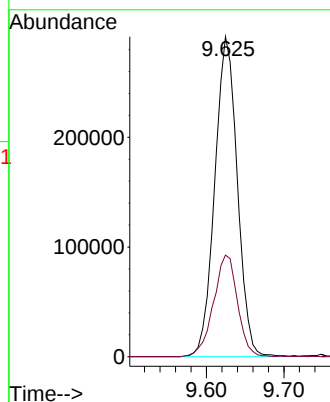
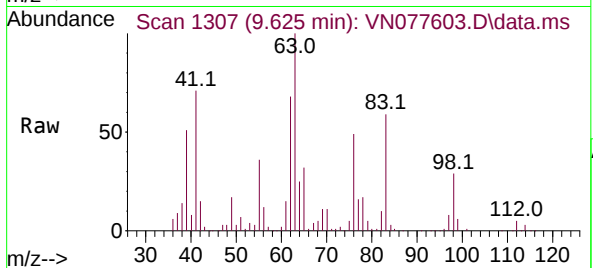
VSTDIC075

Tgt Ion: 63 Resp: 589830

Ion Ratio Lower Upper

63 100

65 31.7 28.2 42.4



#40

Dibromomethane

Concen: 78.710 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

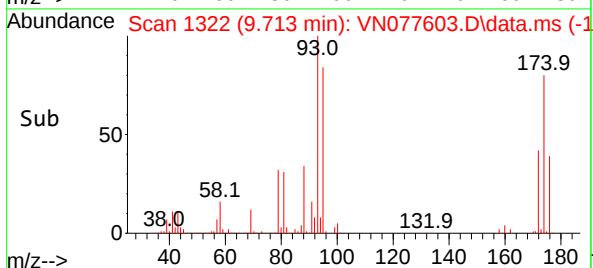
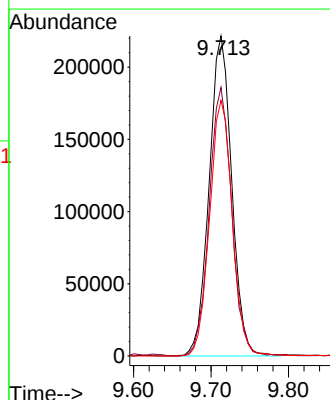
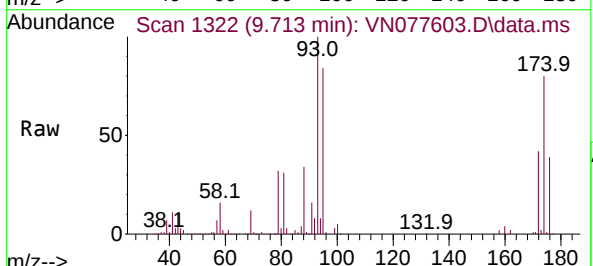
Tgt Ion: 93 Resp: 449699

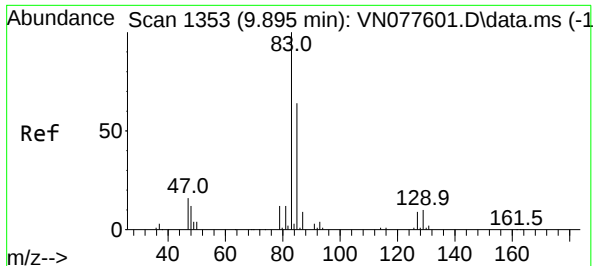
Ion Ratio Lower Upper

93 100

95 83.4 0.0 164.0

174 79.9 0.0 157.0

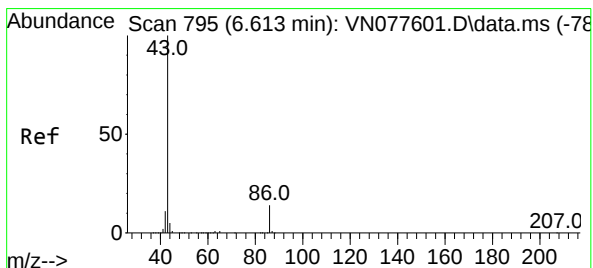
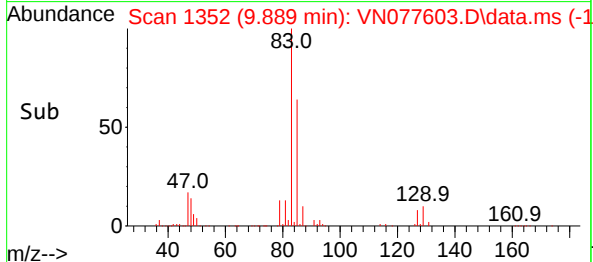
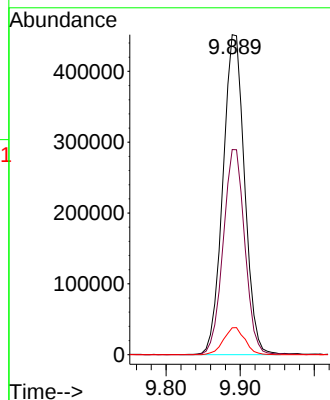
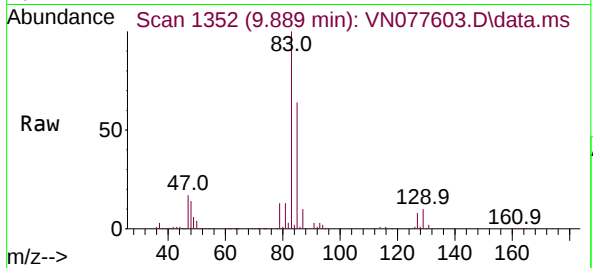




#41
Bromodichloromethane
Concen: 81.152 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

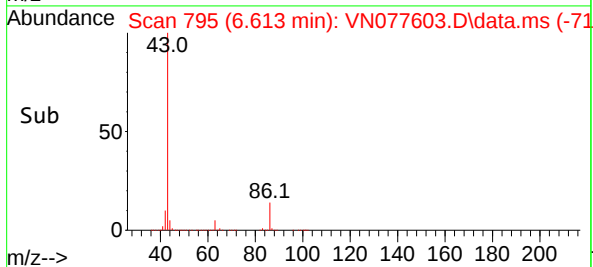
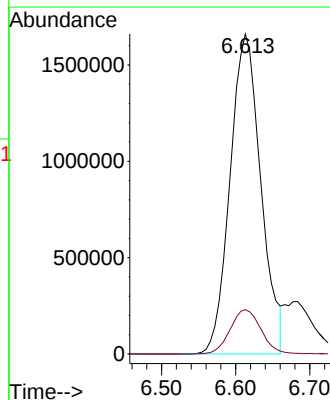
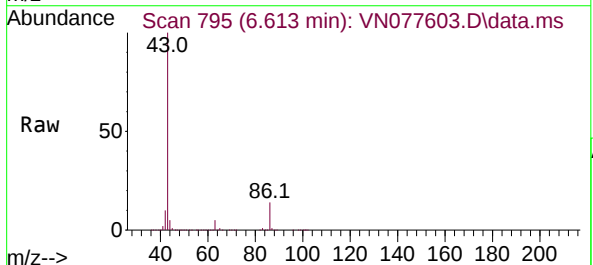
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

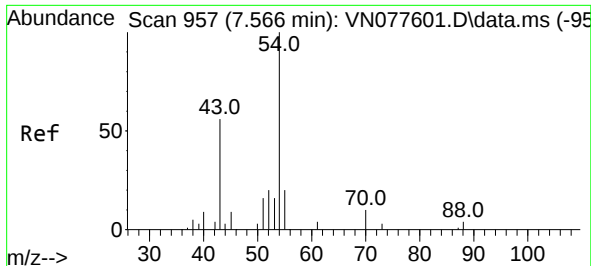
Tgt Ion: 83 Resp: 918430
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8
127 8.4 7.3 10.9



#42
Vinyl Acetate
Concen: 399.733 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 43 Resp: 4792990
Ion Ratio Lower Upper
43 100
86 13.9 10.3 15.5

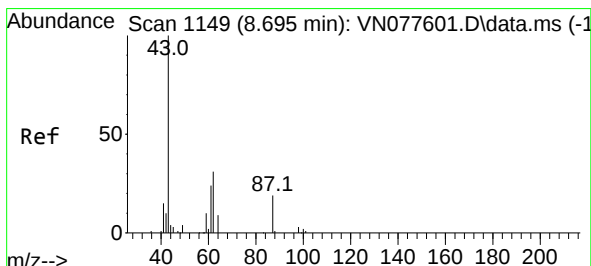
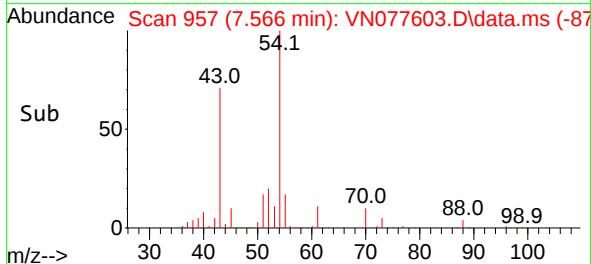
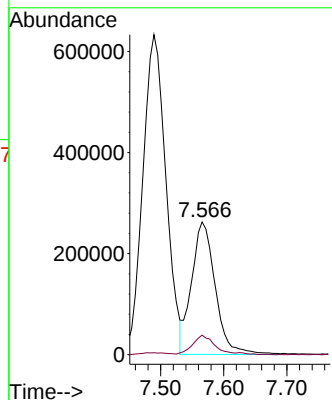
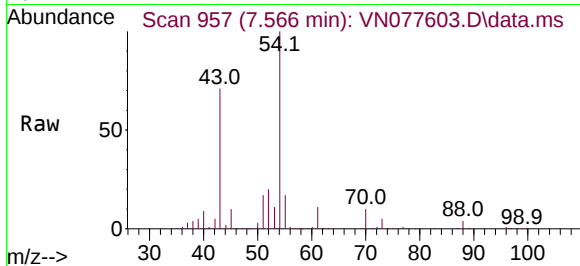




#43
Ethyl Acetate
Concen: 80.156 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

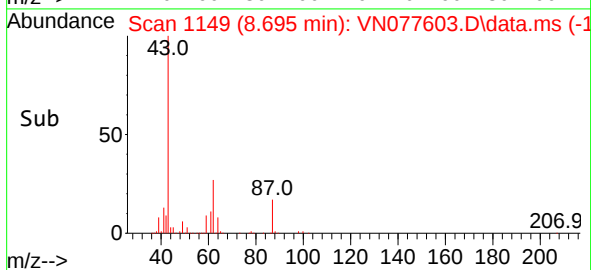
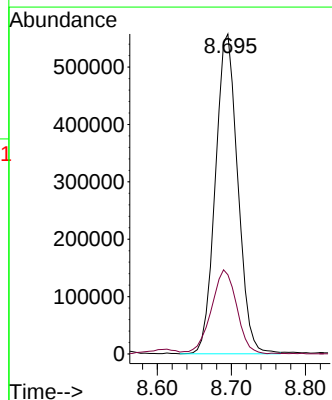
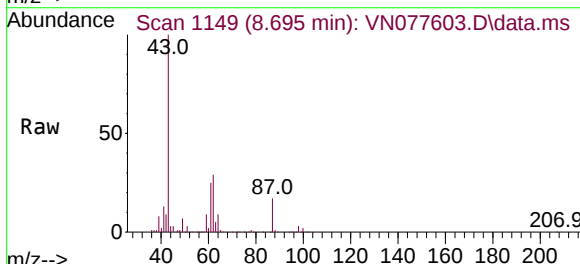
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

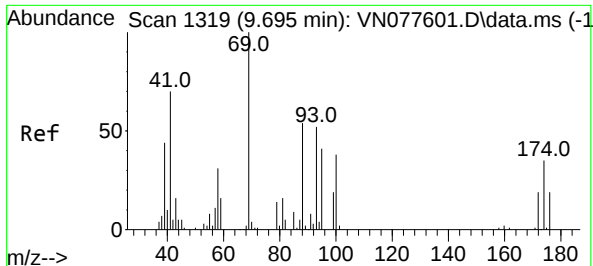
Tgt Ion: 43 Resp: 684529
Ion Ratio Lower Upper
43 100
45 12.5 8.2 12.4#



#44
Isopropyl Acetate
Concen: 80.446 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 43 Resp: 1168396
Ion Ratio Lower Upper
43 100
61 30.1 23.2 34.8





#45

1,4-Dioxane

Concen: 1638.854 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

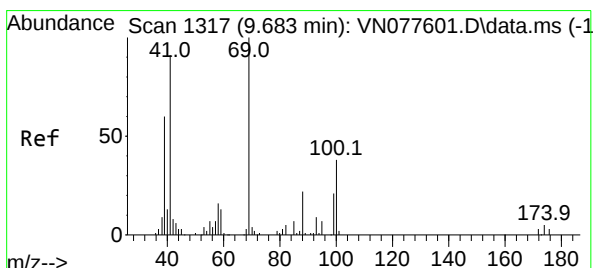
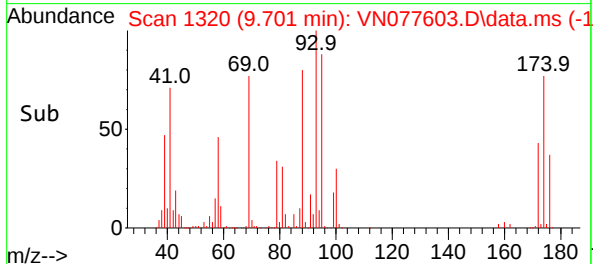
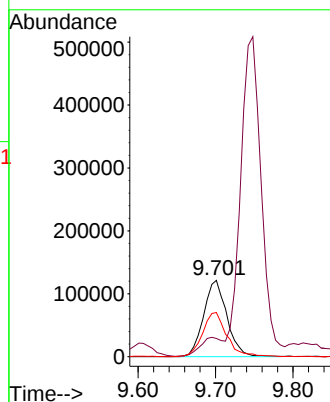
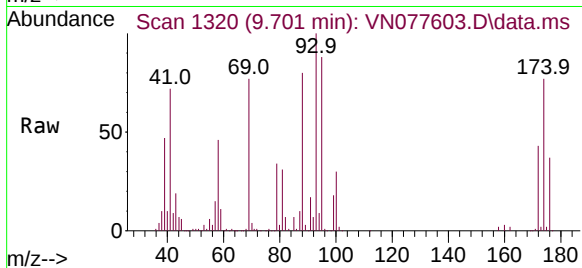
Tgt Ion: 88 Resp: 253083

Ion Ratio Lower Upper

88 100

43 25.2 18.2 27.2

58 60.4 47.5 71.3



#46

Methyl methacrylate

Concen: 79.856 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

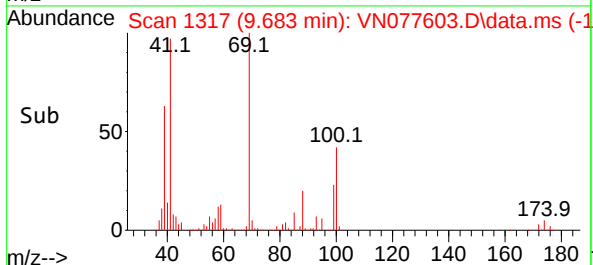
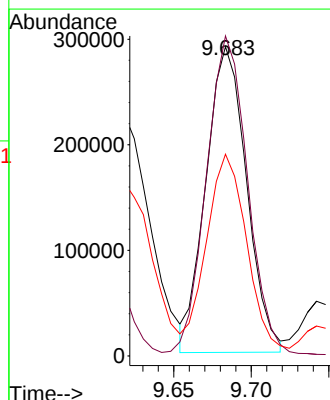
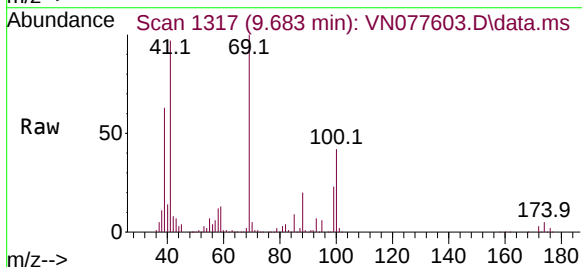
Tgt Ion: 41 Resp: 528726

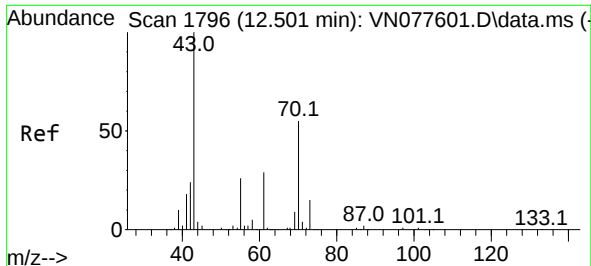
Ion Ratio Lower Upper

41 100

69 104.8 52.0 156.0

39 65.1 33.6 100.6

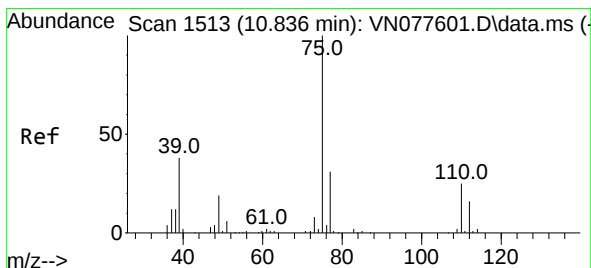
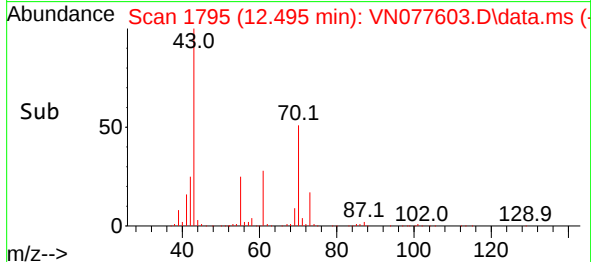
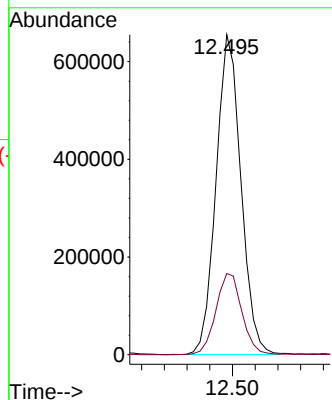
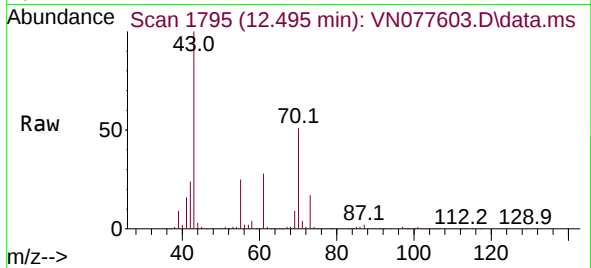




#47
n-amyl acetate
Concen: 87.422 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

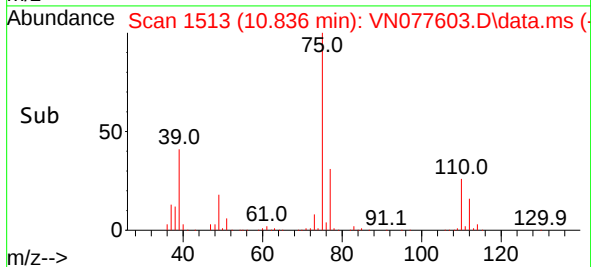
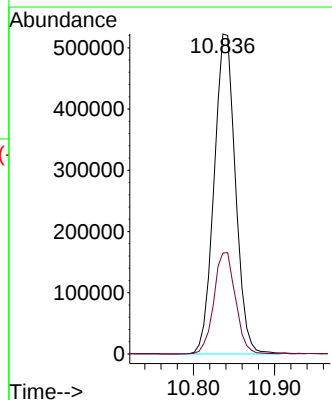
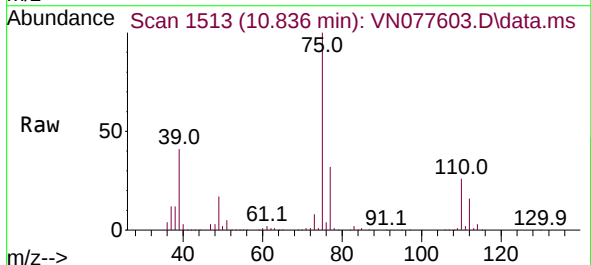
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

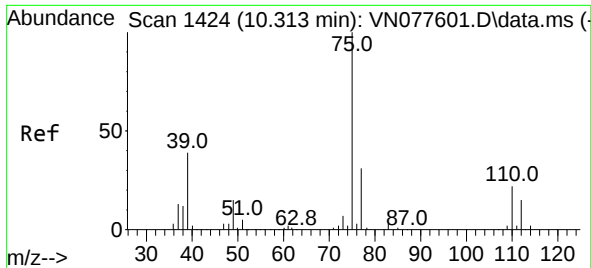
Tgt Ion: 43 Resp: 995218
Ion Ratio Lower Upper
43 100
55 26.6 21.4 32.0



#48
t-1,3-Dichloropropene
Concen: 84.338 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 75 Resp: 955061
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

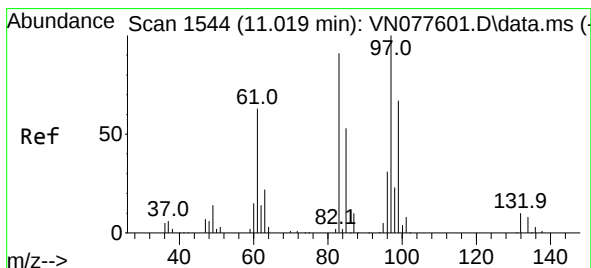
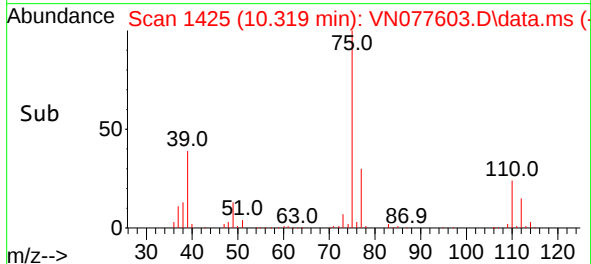
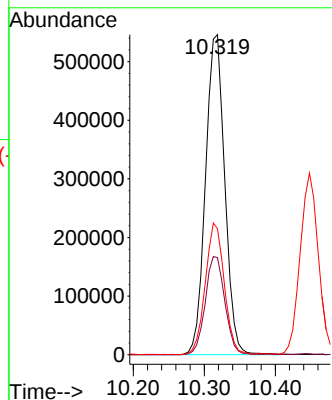
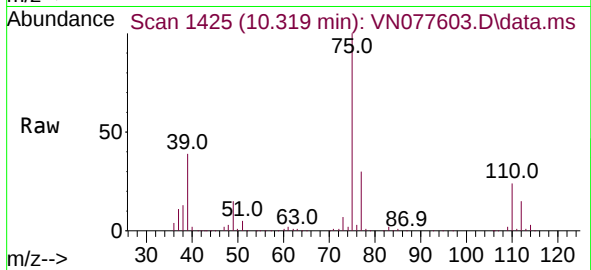




#49
 cis-1,3-Dichloropropene
 Concen: 82.961 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30

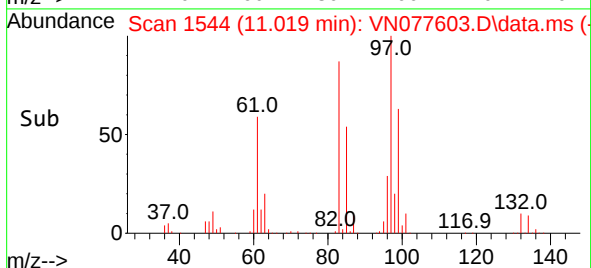
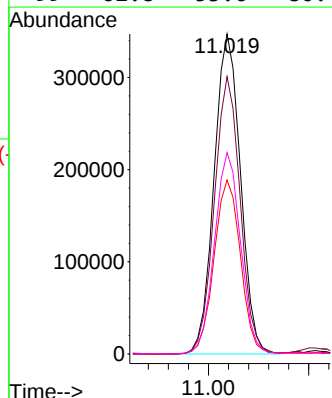
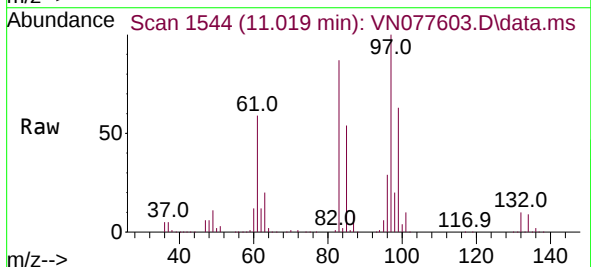
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

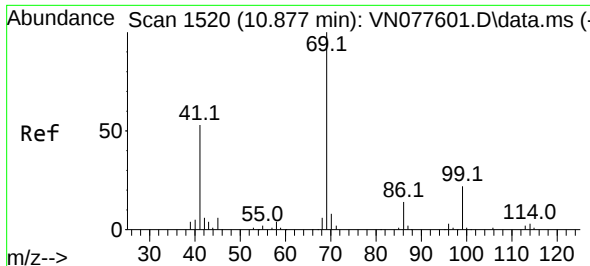
Tgt Ion: 75 Resp: 1029929
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.7 37.1
 39 39.3 31.0 46.6



#50
 1,1,2-Trichloroethane
 Concen: 78.817 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30

Tgt Ion: 97 Resp: 634729
 Ion Ratio Lower Upper
 97 100
 83 86.5 72.6 108.8
 85 54.3 42.6 63.8
 99 62.8 53.6 80.4

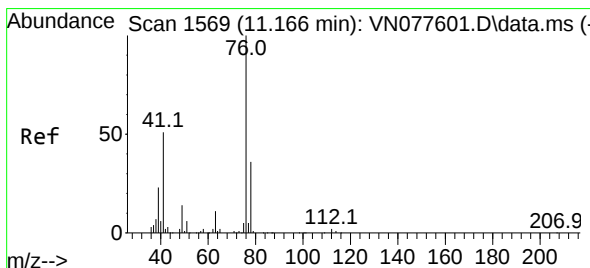
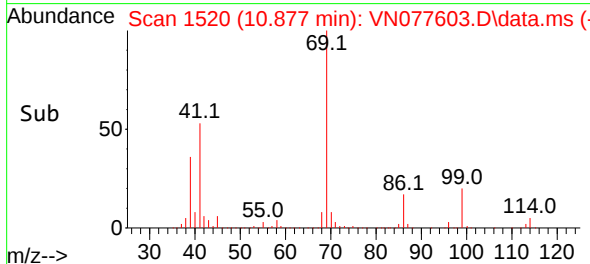
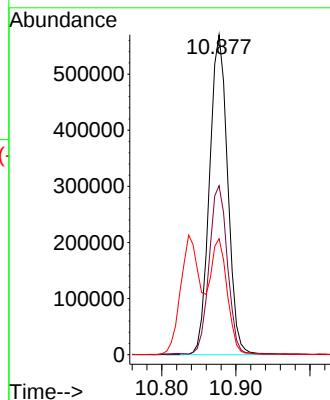
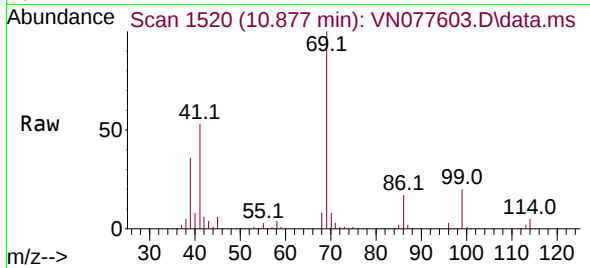




#51
Ethyl methacrylate
Concen: 82.319 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

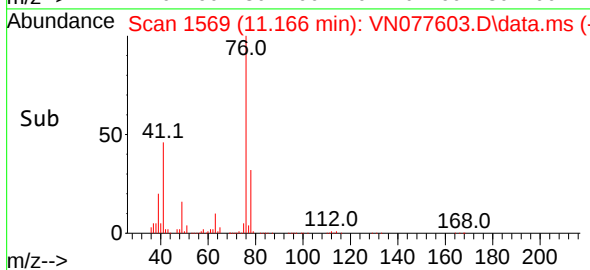
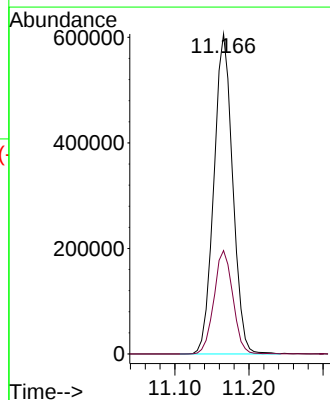
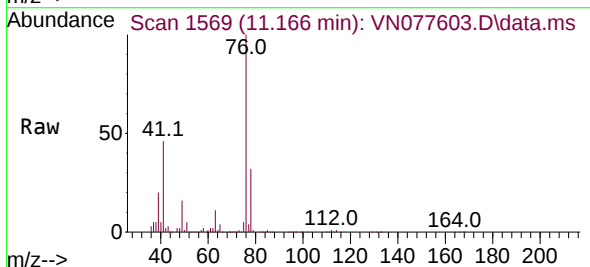
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

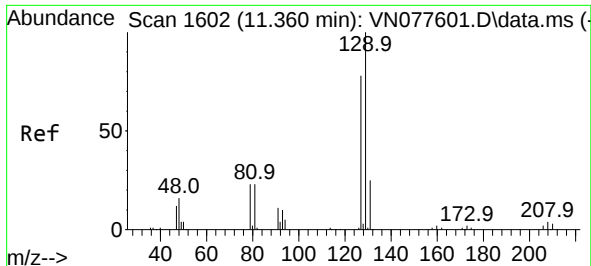
Tgt Ion: 69 Resp: 970777
Ion Ratio Lower Upper
69 100
41 52.6 26.3 78.9
39 36.0 18.1 54.1



#52
1,3-Dichloropropane
Concen: 78.938 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 76 Resp: 1068061
Ion Ratio Lower Upper
76 100
78 32.4 0.0 66.4

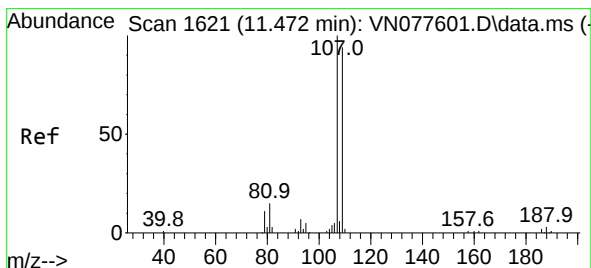
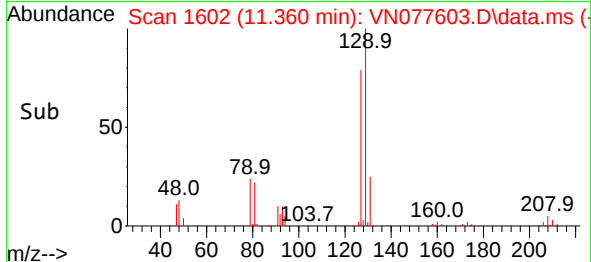
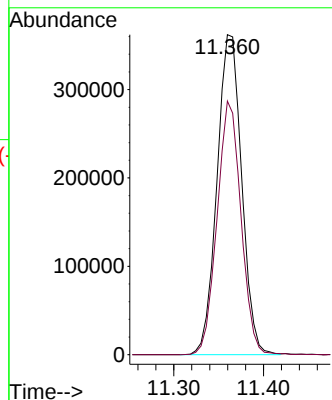
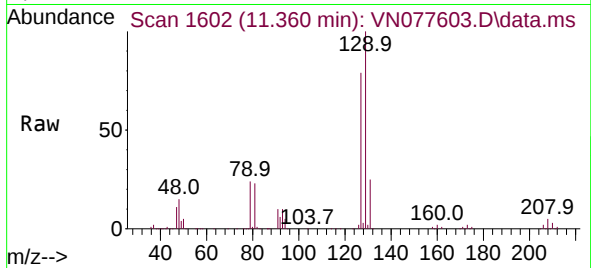




#53
Dibromochloromethane
Concen: 84.400 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

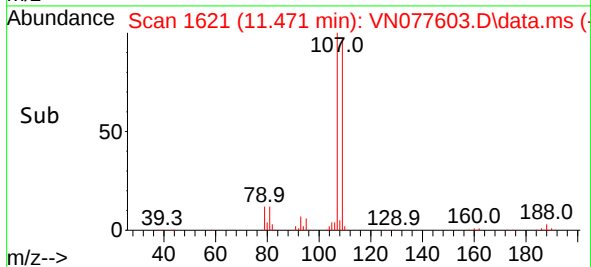
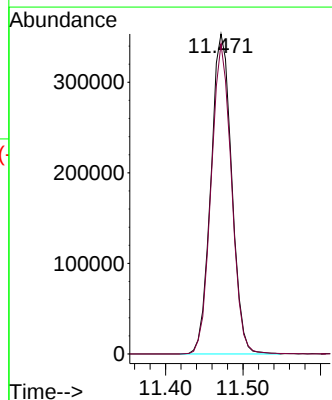
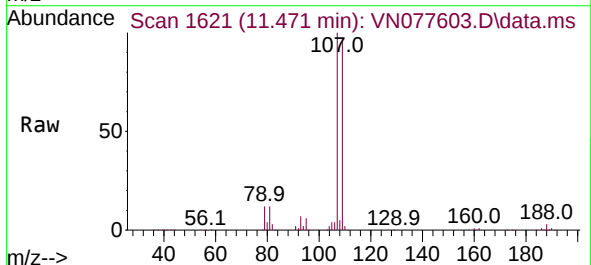
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

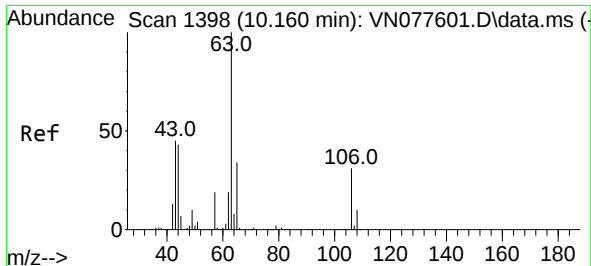
Tgt Ion:129 Resp: 691795
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.1



#54
1,2-Dibromoethane
Concen: 80.665 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:107 Resp: 657786
Ion Ratio Lower Upper
107 100
109 94.7 77.4 116.2

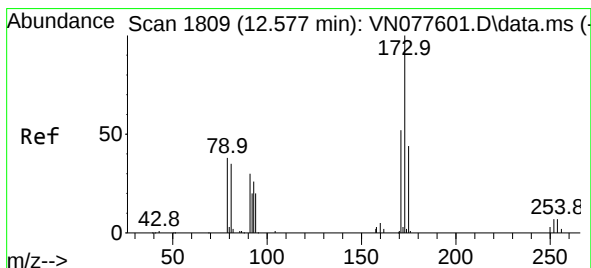
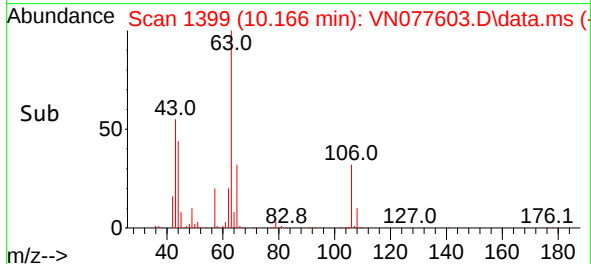
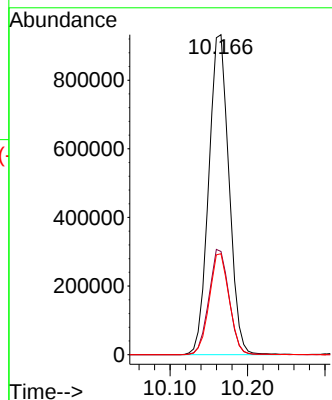
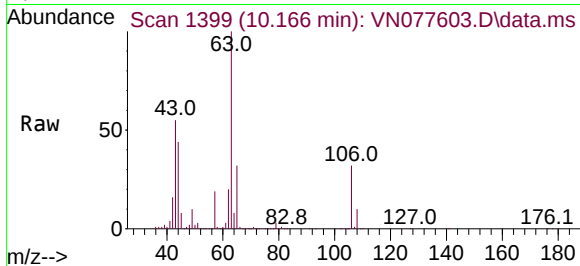




#55
2-Chloroethyl vinyl ether
Concen: 432.118 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

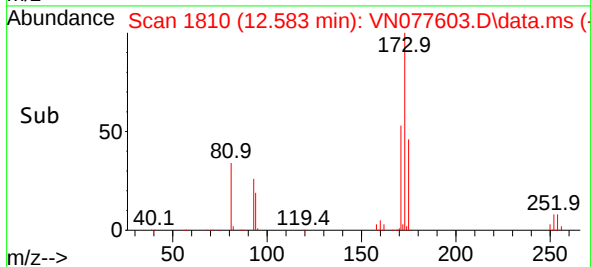
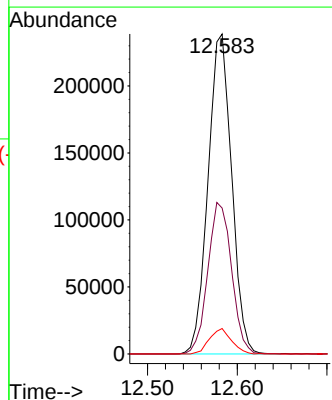
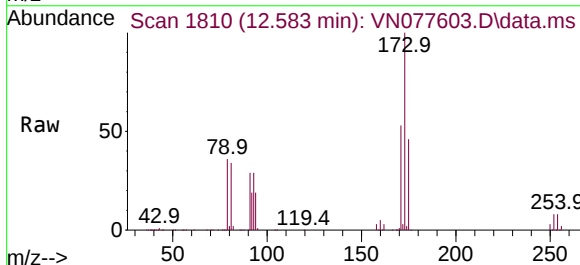
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

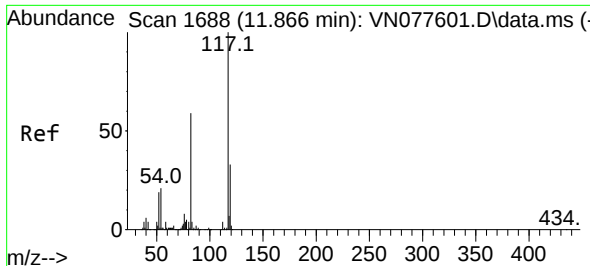
Tgt Ion: 63 Resp: 1691965
Ion Ratio Lower Upper
63 100
65 32.6 26.8 40.2
106 31.1 25.6 38.4



#56
Bromoform
Concen: 88.396 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:173 Resp: 436363
Ion Ratio Lower Upper
173 100
175 47.6 39.4 59.2
254 7.4 5.8 8.6

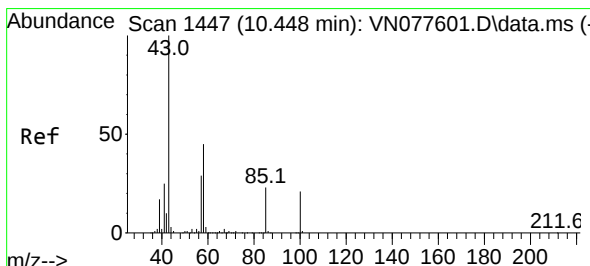
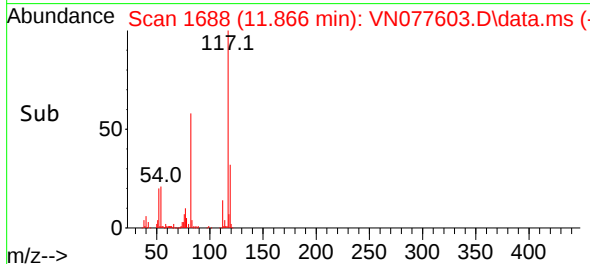
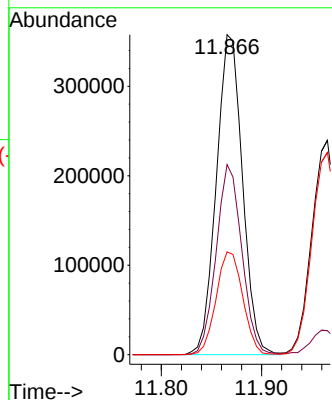
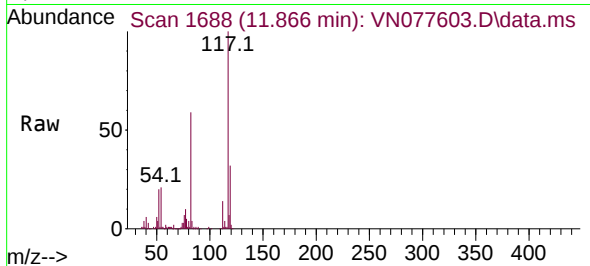




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

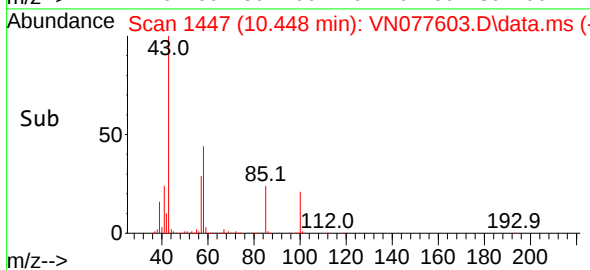
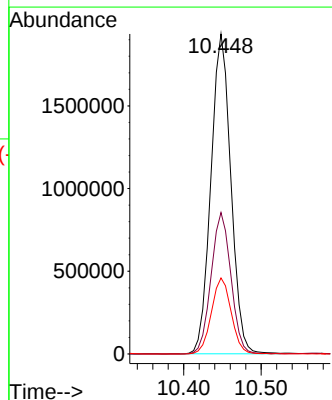
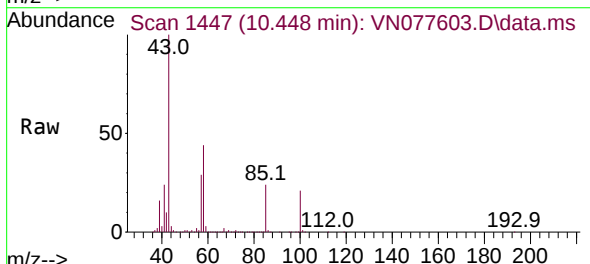
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

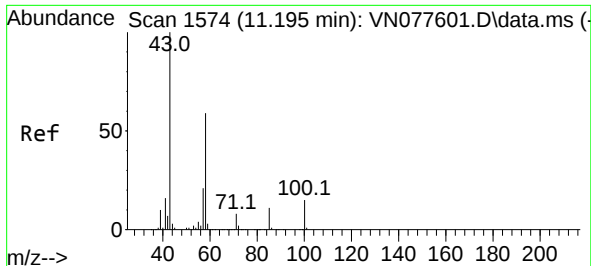
Tgt Ion:117 Resp: 647075
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 32.7 26.6 39.8



#58
4-Methyl-2-Pentanone
Concen: 385.077 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 43 Resp: 3476457
Ion Ratio Lower Upper
43 100
58 43.9 35.4 53.2
85 23.5 18.2 27.2

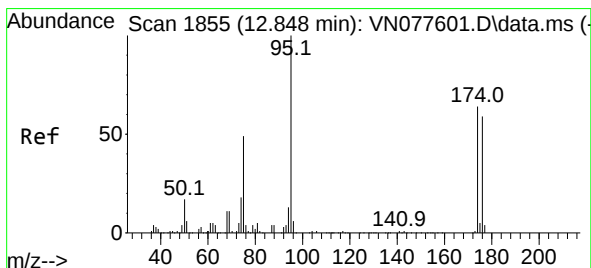
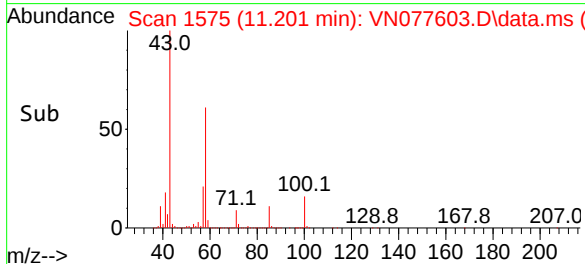
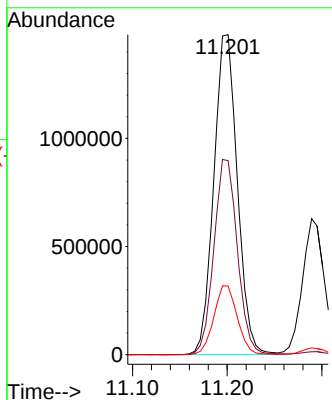
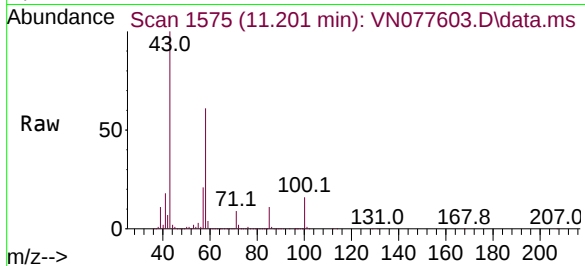




#59
2-Hexanone
Concen: 392.852 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

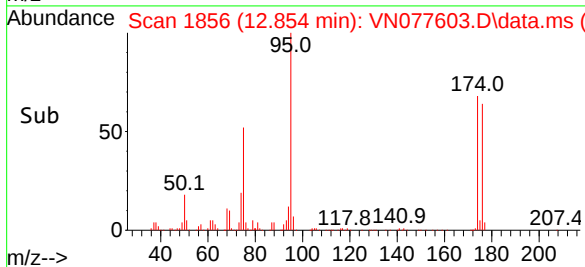
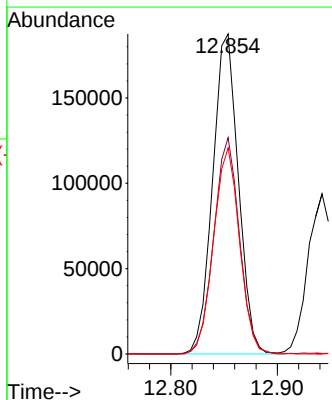
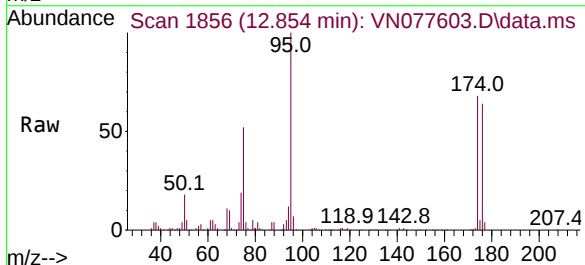
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MSVOA_N
ClientSampleId :
VSTDIC075

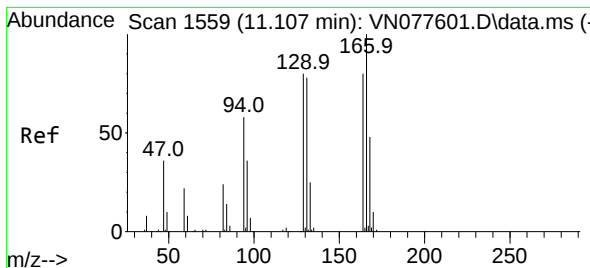
Tgt Ion: 43 Resp: 2560204
Ion Ratio Lower Upper
43 100
58 61.0 48.2 72.2
57 21.5 17.3 25.9



#60
4-Bromofluorobenzene
Concen: 30.634 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 95 Resp: 314589
Ion Ratio Lower Upper
95 100
174 67.3 53.4 80.0
176 65.0 50.0 75.0





#61

Tetrachloroethene

Concen: 77.530 ug/l

RT: 11.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:164 Resp: 463705

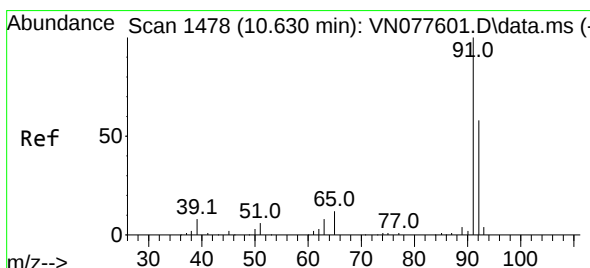
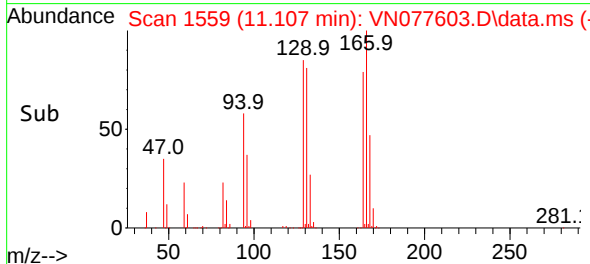
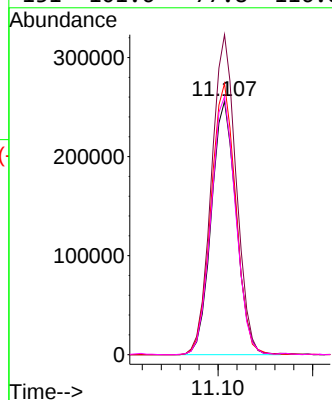
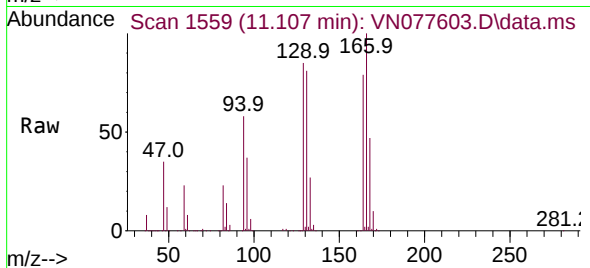
Ion Ratio Lower Upper

164 100

166 126.2 100.5 150.7

129 106.9 80.6 120.8

131 101.6 77.8 116.8



#62

Toluene

Concen: 77.287 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN077603.D

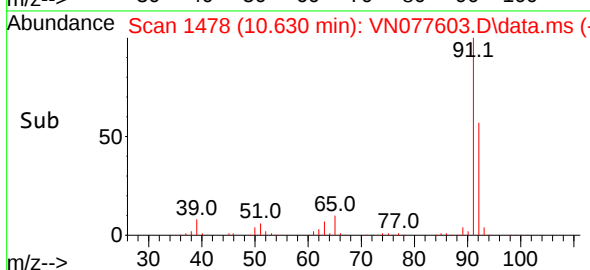
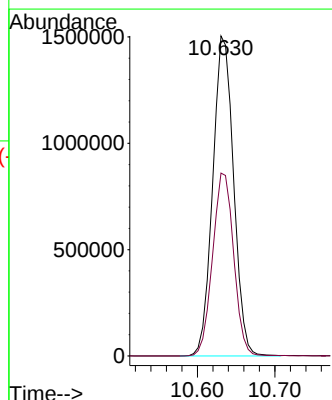
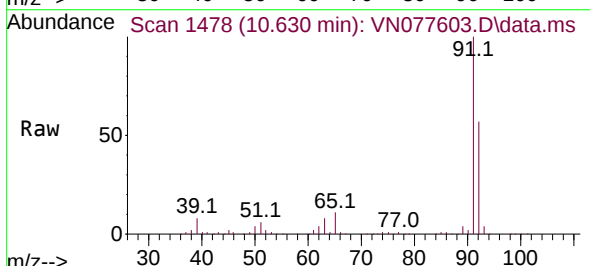
Acq: 05 May 2023 20:30

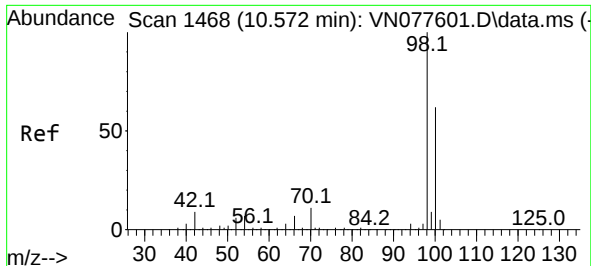
Tgt Ion: 91 Resp: 2812008

Ion Ratio Lower Upper

91 100

92 57.8 47.0 70.6

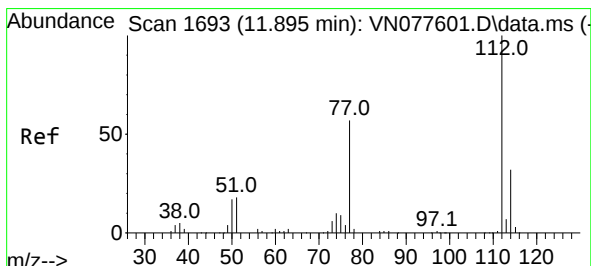
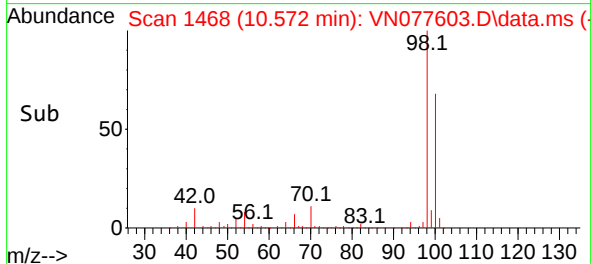
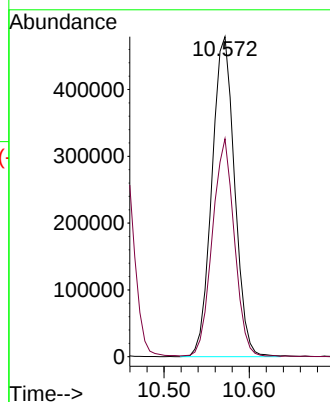
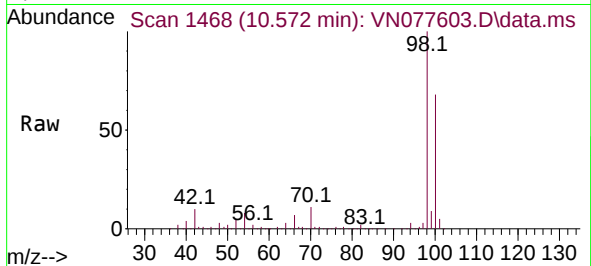




#63
Toluene-d8
Concen: 29.053 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

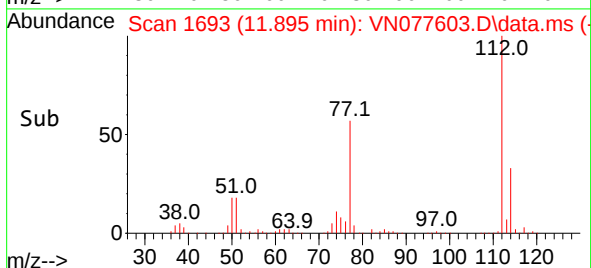
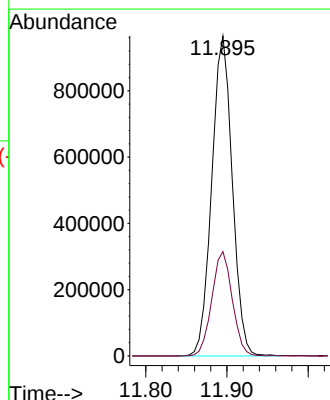
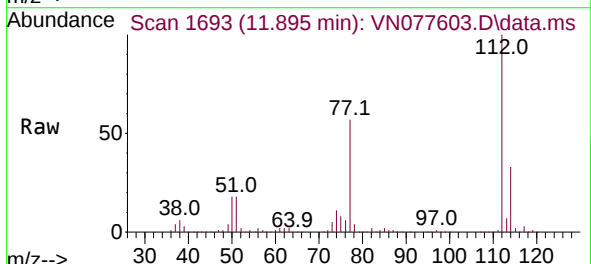
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

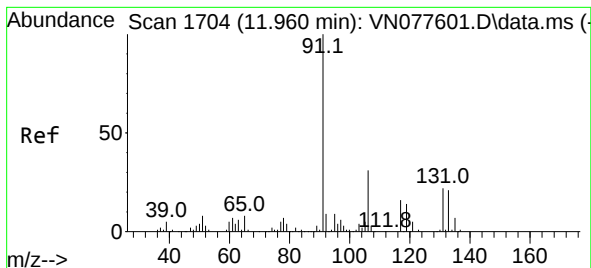
Tgt Ion: 98 Resp: 886147
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1



#64
Chlorobenzene
Concen: 78.623 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 112 Resp: 1696154
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 78.570 ug/l

RT: 11.960 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

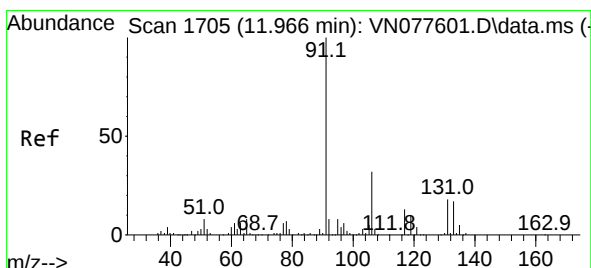
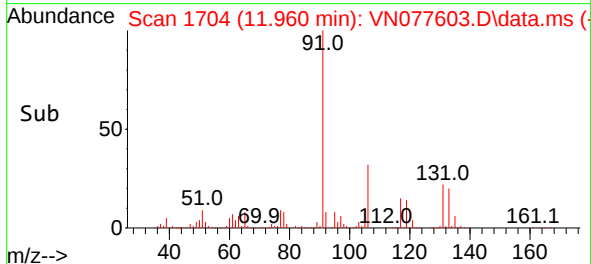
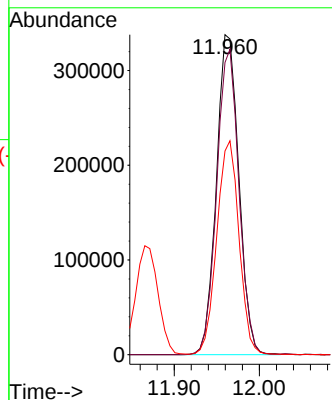
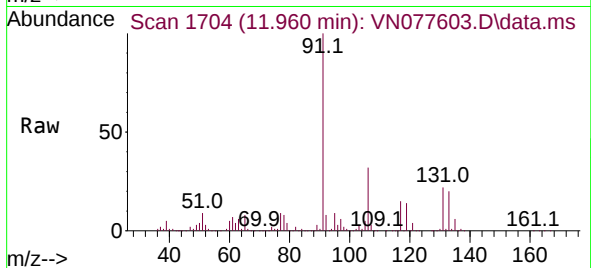
Tgt Ion:131 Resp: 619162

Ion Ratio Lower Upper

131 100

133 94.6 0.0 181.2

119 66.4 0.0 125.0



#66

Ethyl Benzene

Concen: 80.268 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077603.D

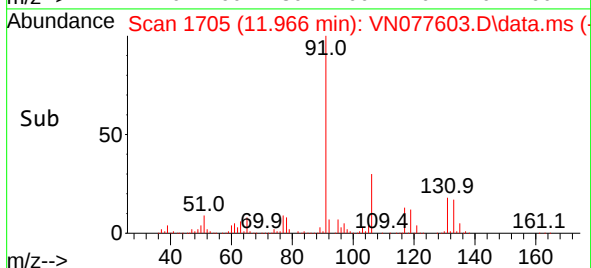
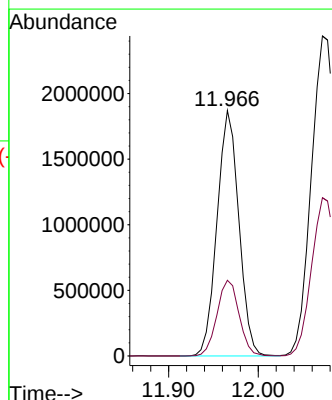
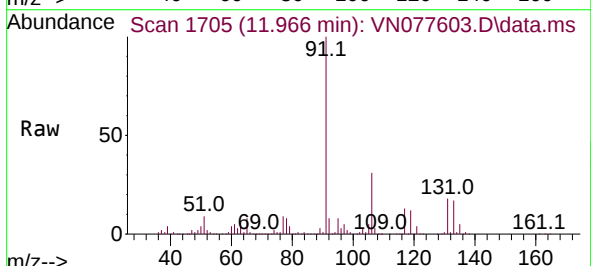
Acq: 05 May 2023 20:30

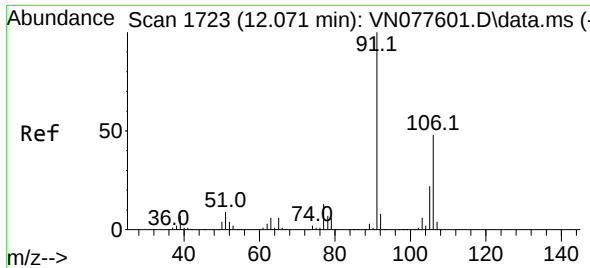
Tgt Ion: 91 Resp: 3158512

Ion Ratio Lower Upper

91 100

106 30.8 25.7 38.5

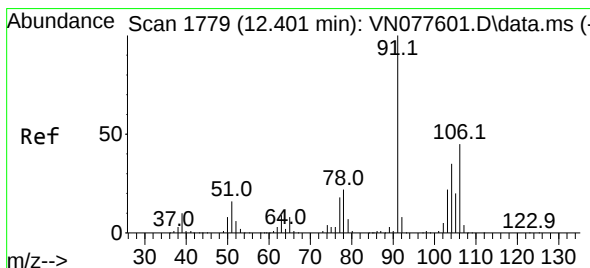
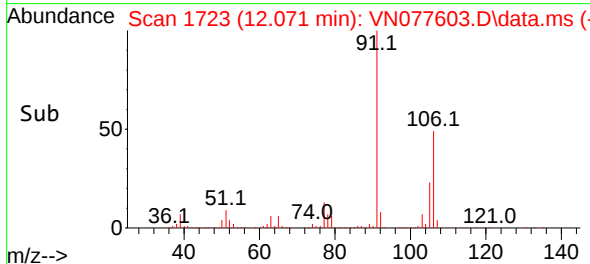
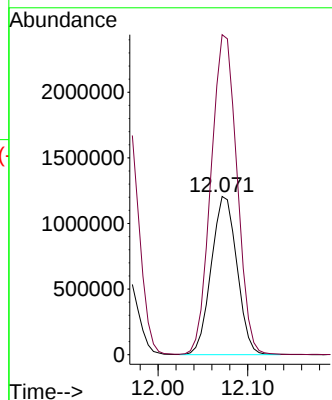
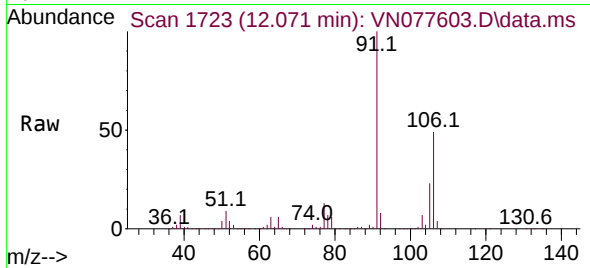




#67
m/p-Xylenes
Concen: 159.785 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

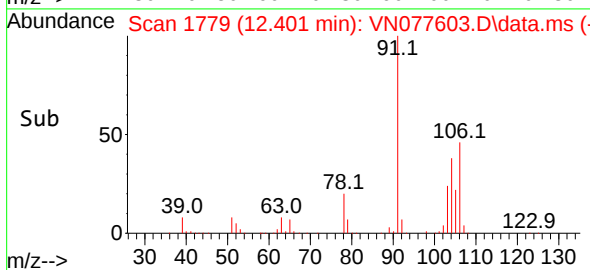
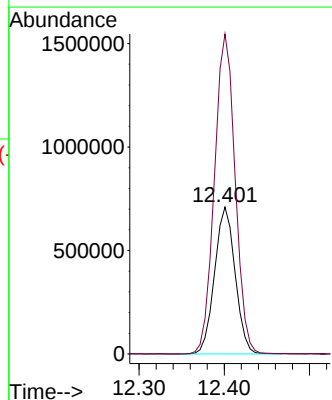
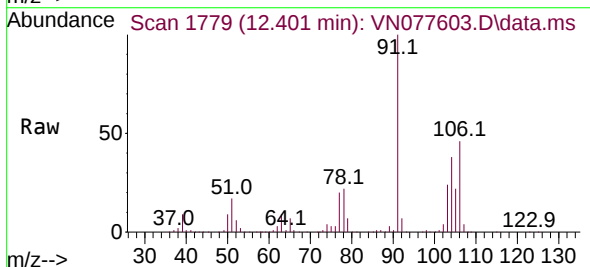
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

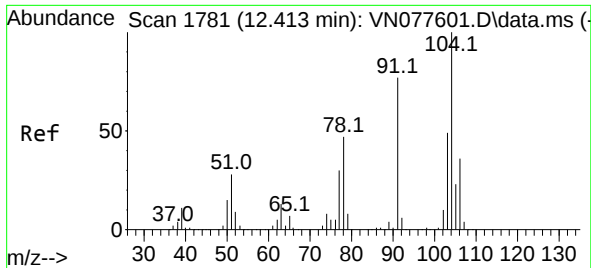
Tgt Ion:106 Resp: 2397341
Ion Ratio Lower Upper
106 100
91 205.2 162.6 244.0



#68
o-Xylene
Concen: 79.884 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:106 Resp: 1192778
Ion Ratio Lower Upper
106 100
91 219.5 109.5 328.4

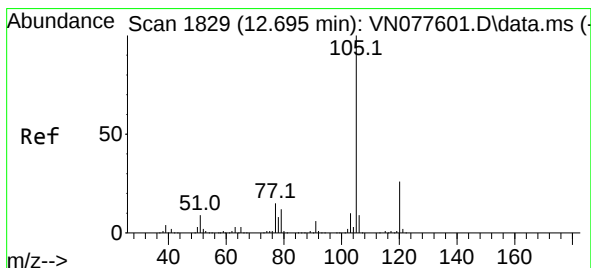
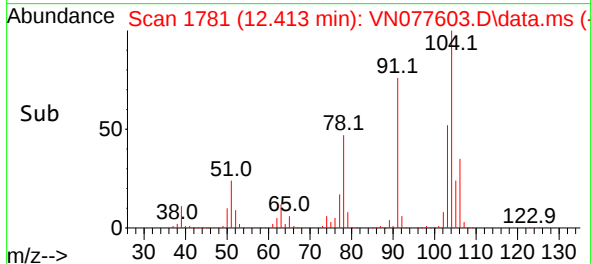
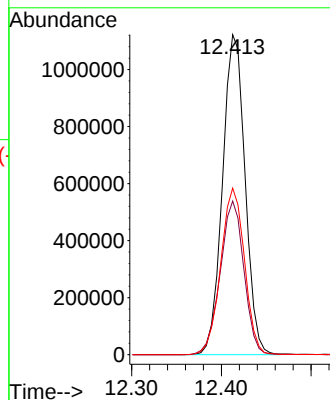
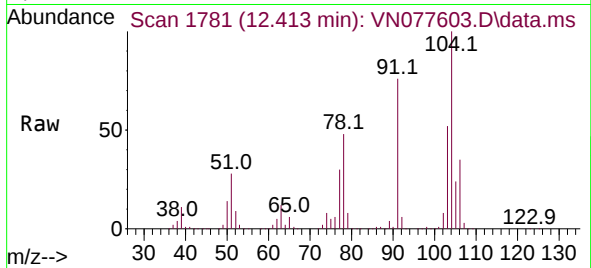




#69
Styrene
Concen: 83.312 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

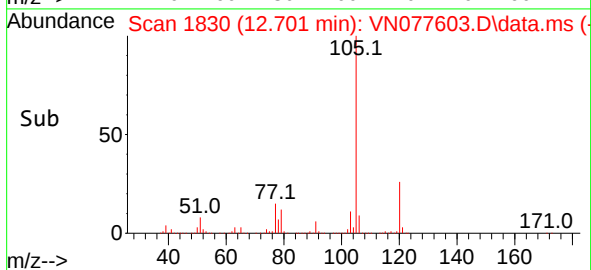
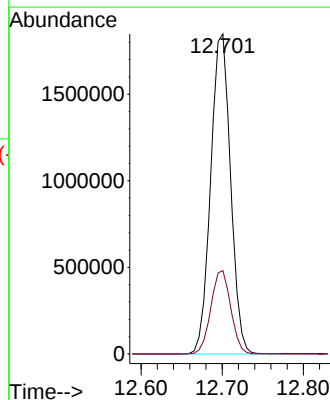
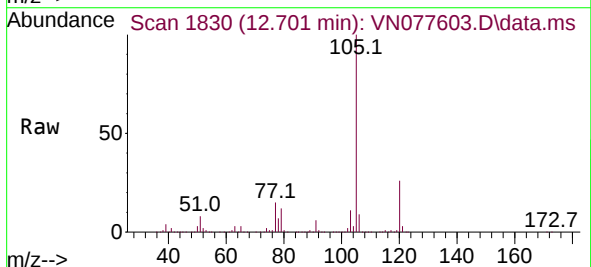
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

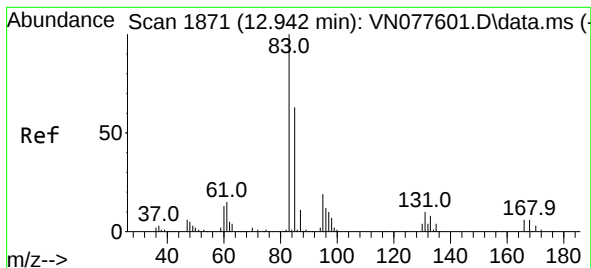
Tgt Ion:104 Resp: 1958540
Ion Ratio Lower Upper
104 100
78 50.4 41.3 61.9
103 54.8 44.0 66.0



#70
Isopropylbenzene
Concen: 81.624 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:105 Resp: 3137722
Ion Ratio Lower Upper
105 100
120 26.1 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 77.896 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

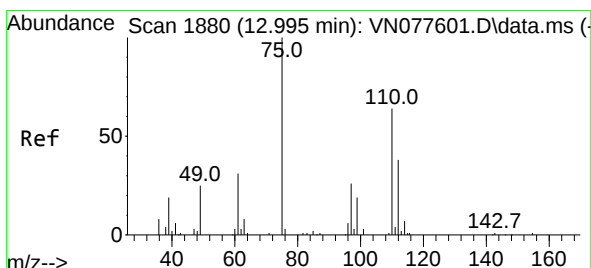
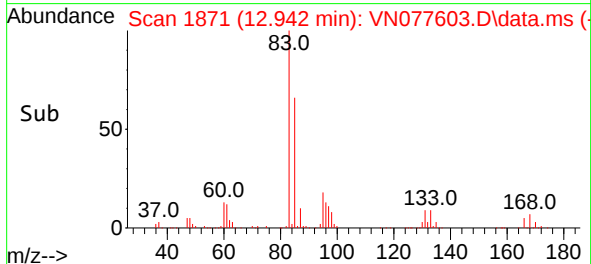
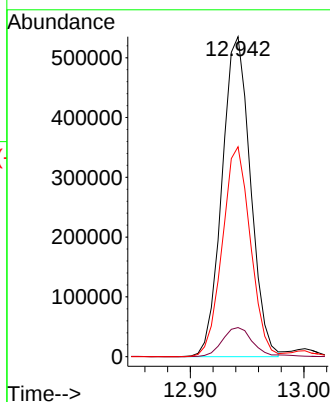
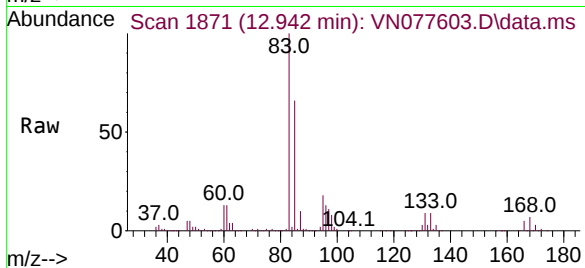
Tgt Ion: 83 Resp: 931181

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

85 64.7 33.4 100.2



#72

1,2,3-Trichloropropane

Concen: 113.259 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077603.D

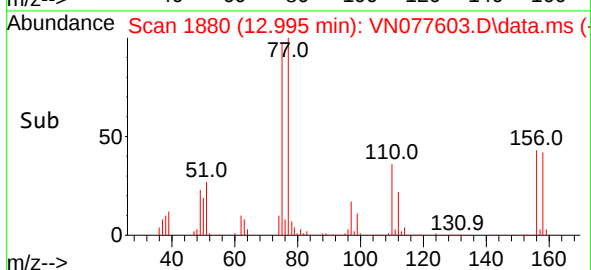
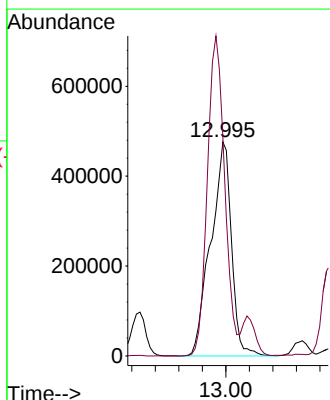
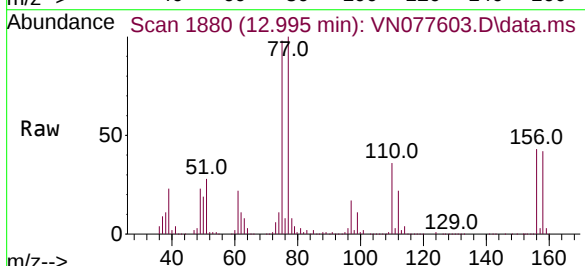
Acq: 05 May 2023 20:30

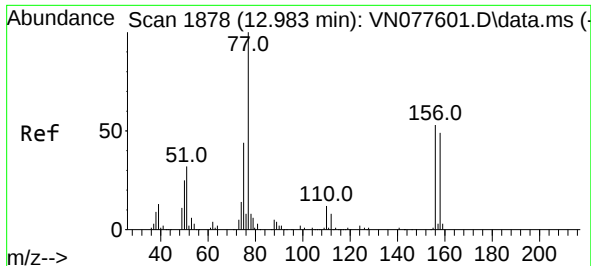
Tgt Ion: 75 Resp: 1165767

Ion Ratio Lower Upper

75 100

77 124.7 0.0 354.6

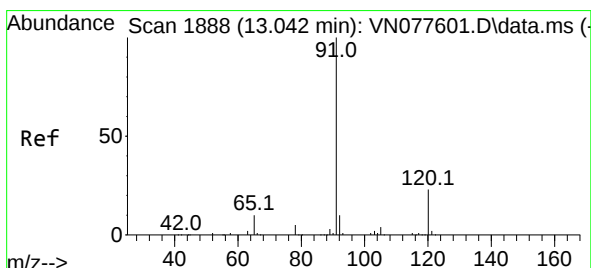
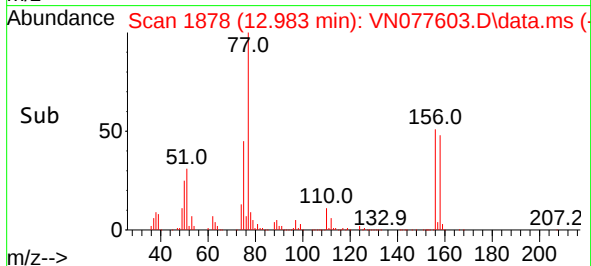
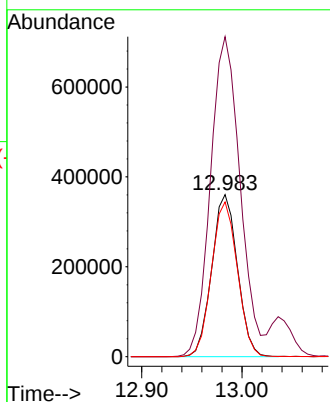
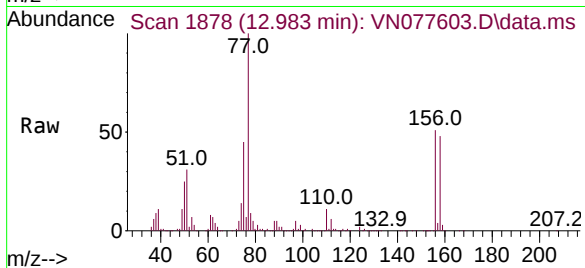




#73
Bromobenzene
Concen: 80.717 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

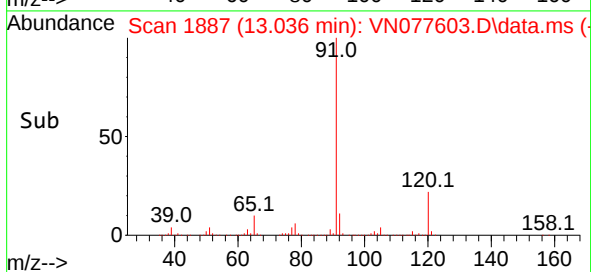
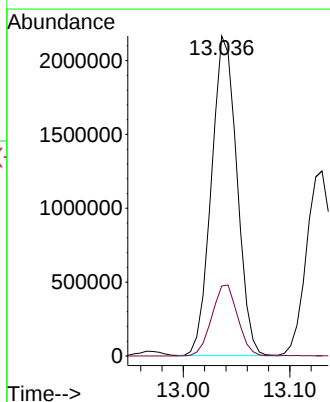
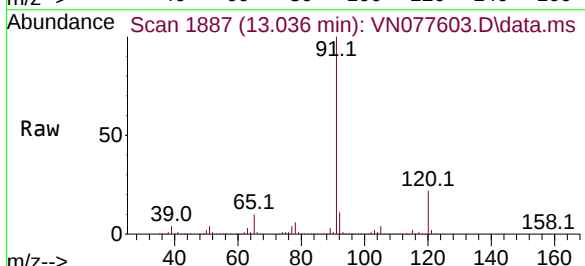
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

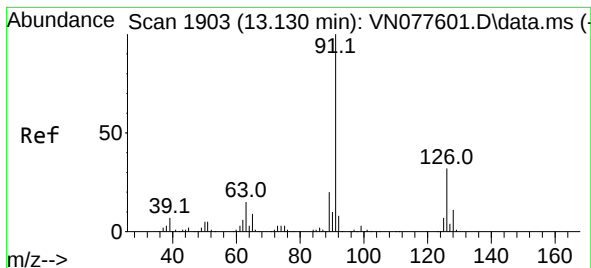
Tgt Ion:156 Resp: 640485
Ion Ratio Lower Upper
156 100
77 227.0 0.0 466.4
158 96.3 0.0 196.2



#74
n-propylbenzene
Concen: 84.525 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 91 Resp: 3605769
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.6





#75

2-Chlorotoluene

Concen: 82.545 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

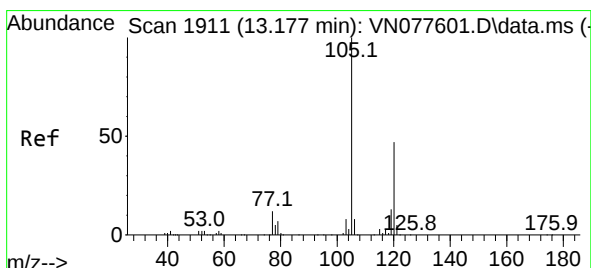
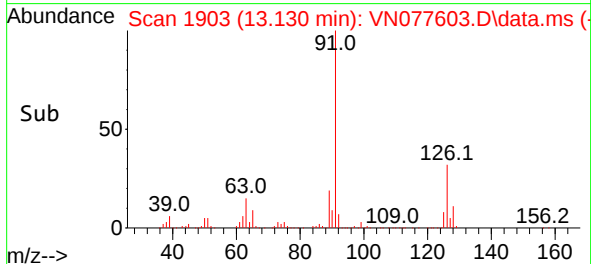
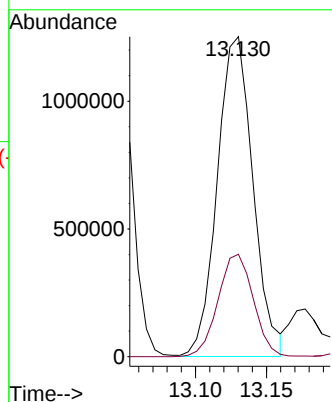
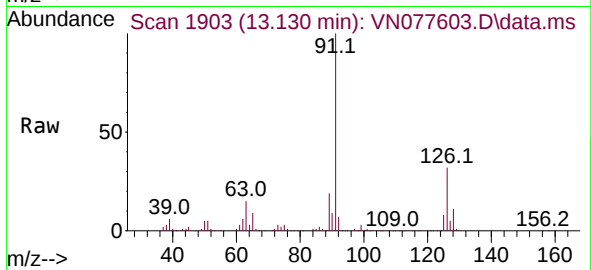
VSTDICC075

Tgt Ion: 91 Resp: 2191963

Ion Ratio Lower Upper

91 100

126 31.6 0.0 65.0



#76

1,3,5-Trimethylbenzene

Concen: 88.149 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077603.D

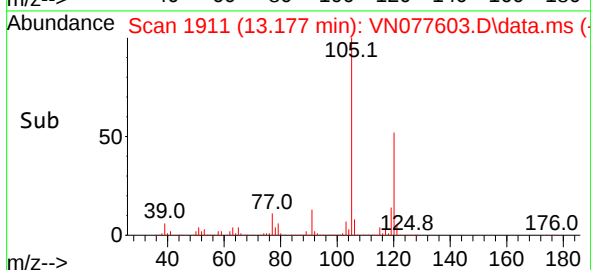
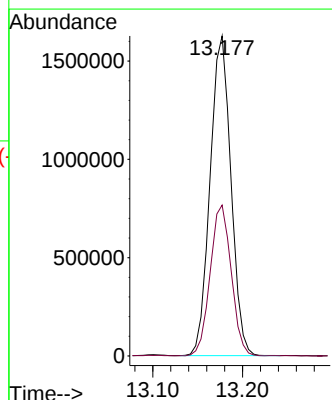
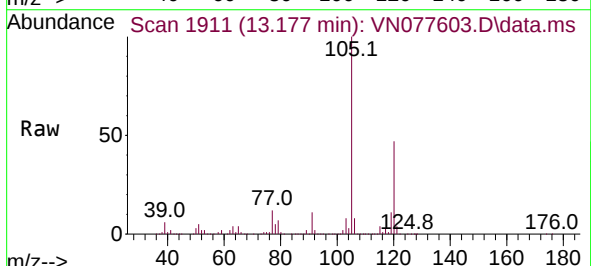
Acq: 05 May 2023 20:30

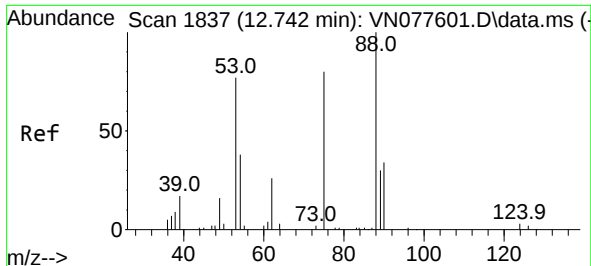
Tgt Ion: 105 Resp: 2623592

Ion Ratio Lower Upper

105 100

120 47.5 0.0 95.2

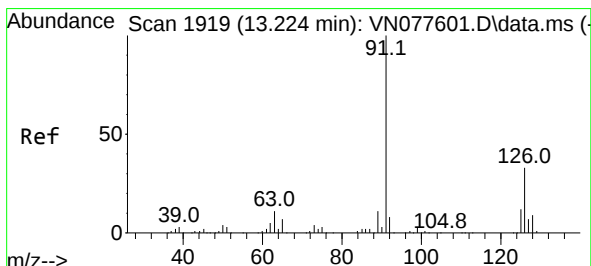
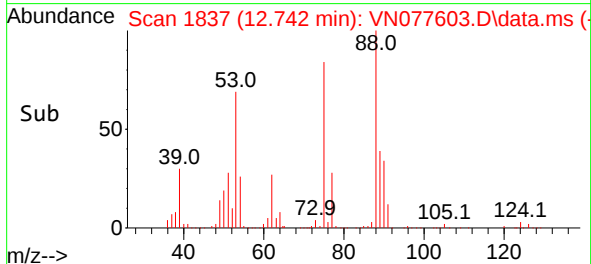
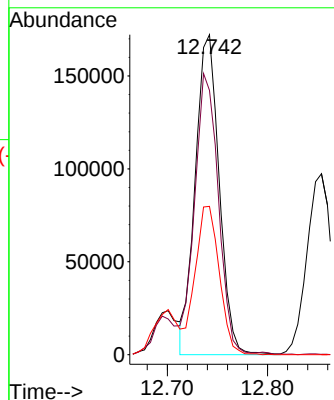
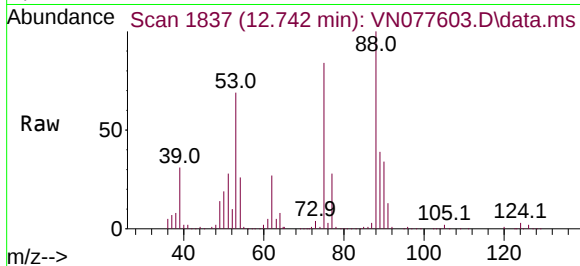




#77
t-1,4-Dichloro-2-butene
Concen: 91.676 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

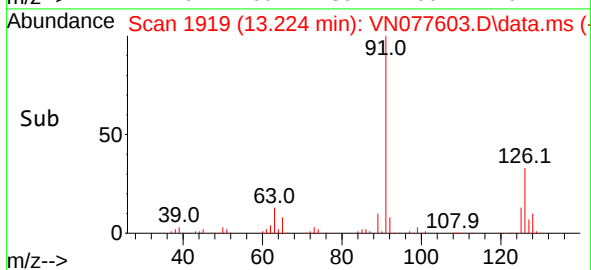
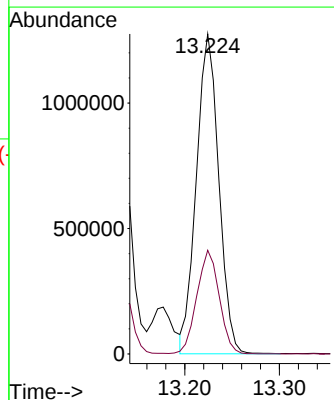
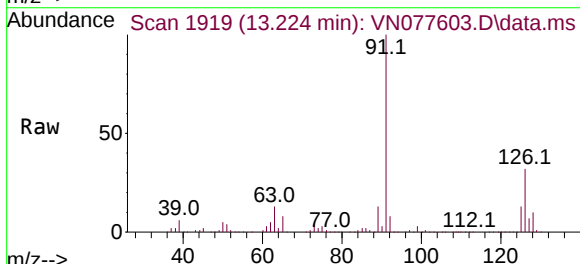
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

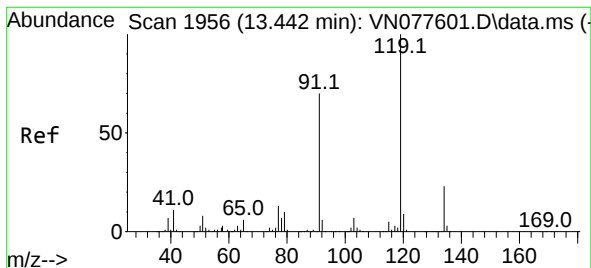
Tgt Ion: 75 Resp: 285966
Ion Ratio Lower Upper
75 100
53 82.5 46.9 140.7
89 46.4 21.0 63.0



#78
4-Chlorotoluene
Concen: 83.509 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 91 Resp: 2097217
Ion Ratio Lower Upper
91 100
126 32.5 0.0 64.6





#79

tert-butylbenzene

Concen: 81.548 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

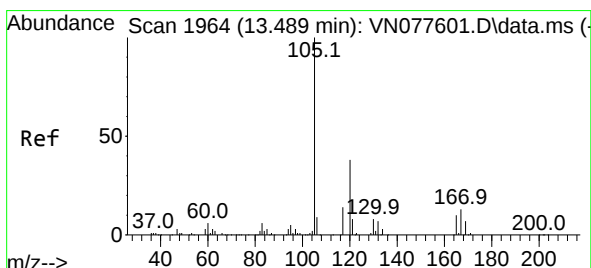
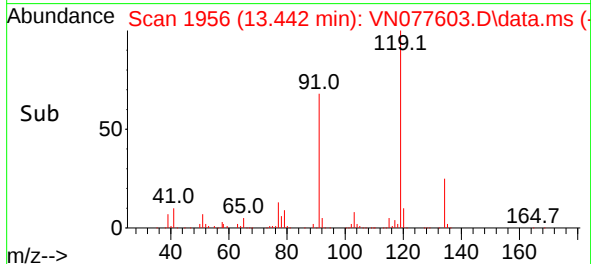
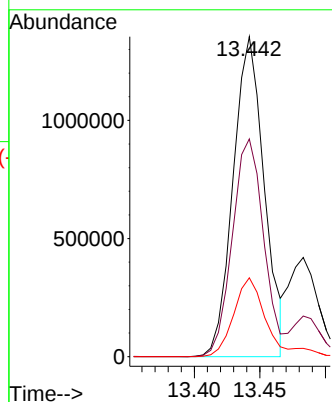
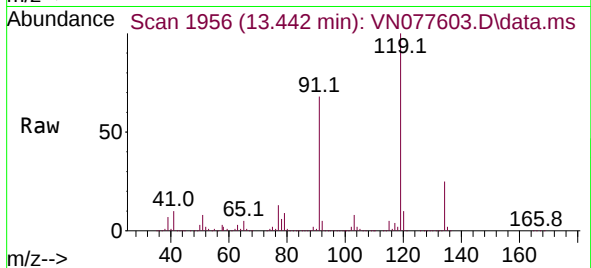
Tgt Ion:119 Resp: 2234276

Ion Ratio Lower Upper

119 100

91 68.4 0.0 141.6

134 24.3 0.0 46.6



#80

1,2,4-Trimethylbenzene

Concen: 92.963 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN077603.D

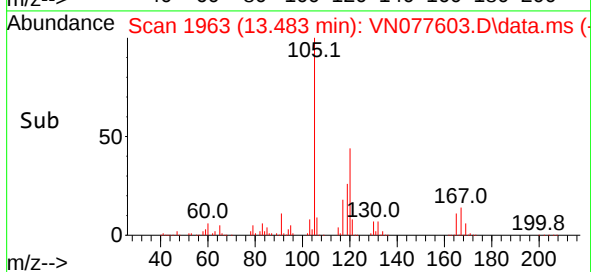
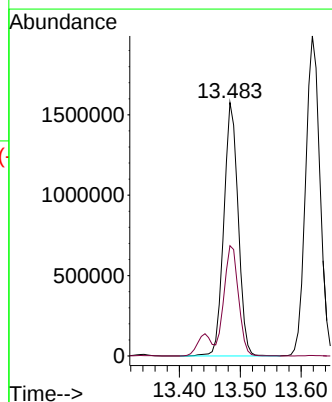
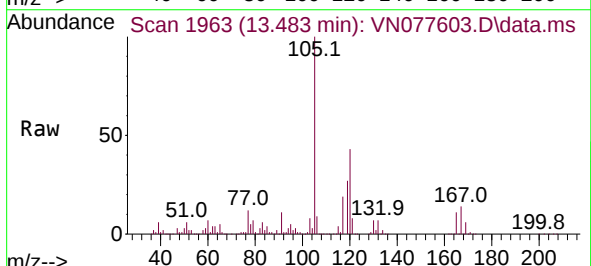
Acq: 05 May 2023 20:30

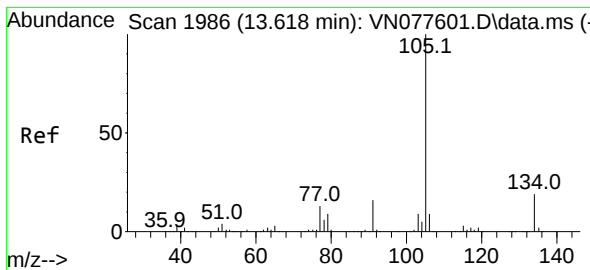
Tgt Ion:105 Resp: 2575931

Ion Ratio Lower Upper

105 100

120 43.3 0.0 88.0





#81

sec-Butylbenzene

Concen: 85.344 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

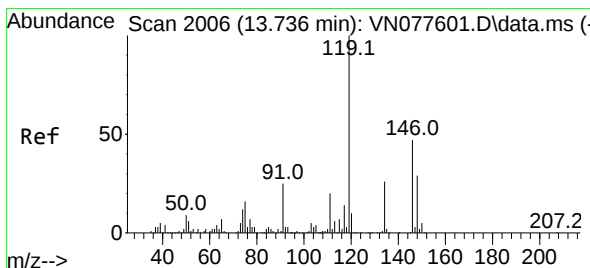
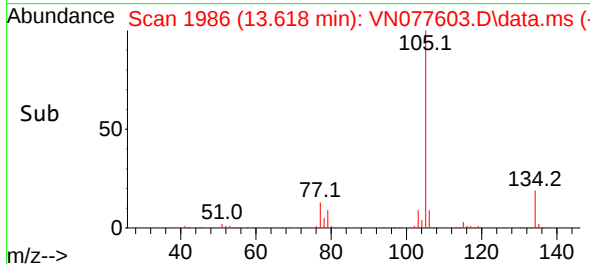
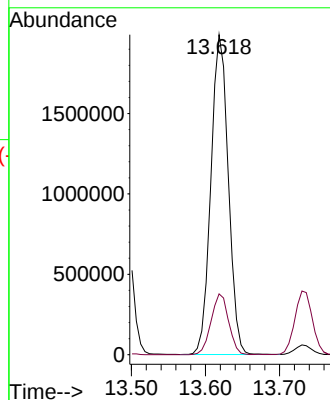
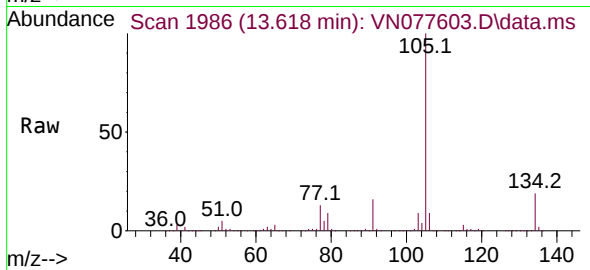
VSTDIC075

Tgt Ion:105 Resp: 3245863

Ion Ratio Lower Upper

105 100

134 19.1 0.0 37.8



#82

p-Isopropyltoluene

Concen: 87.792 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

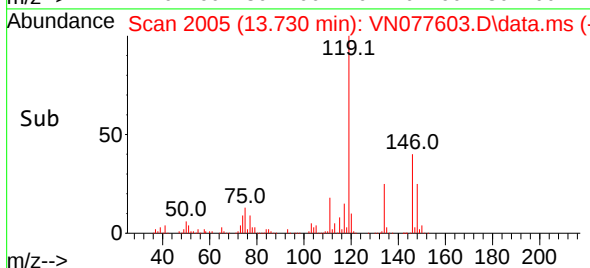
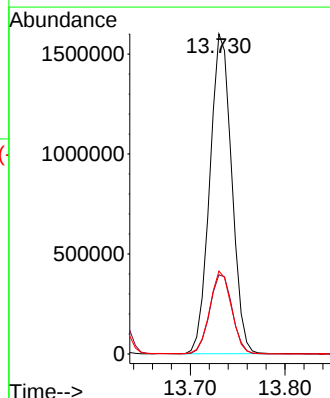
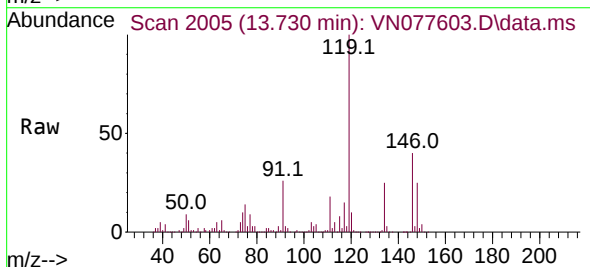
Tgt Ion:119 Resp: 2566621

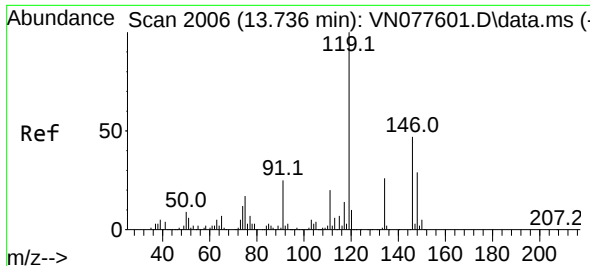
Ion Ratio Lower Upper

119 100

134 25.5 0.0 52.2

91 25.6 0.0 51.2

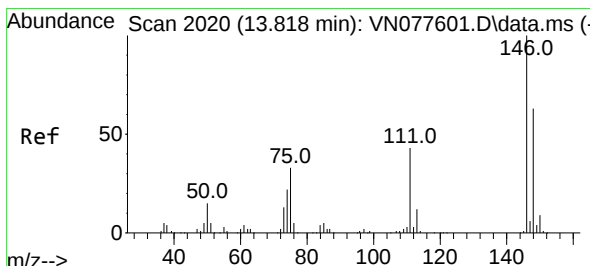
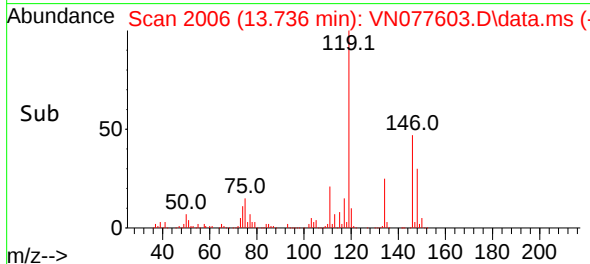
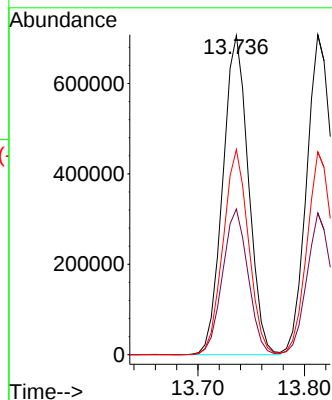
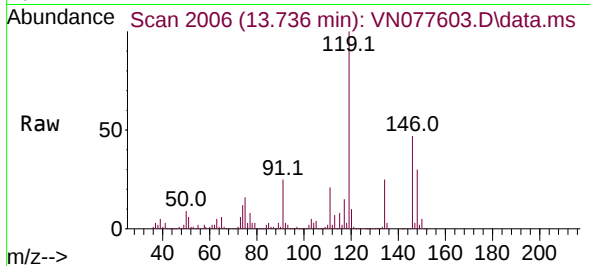




#83
1,3-Dichlorobenzene
Concen: 83.324 ug/l
RT: 13.736 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

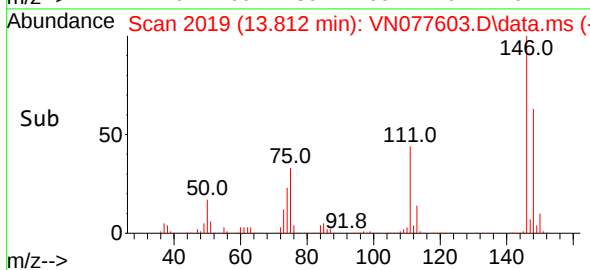
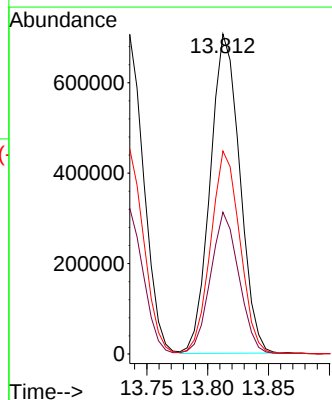
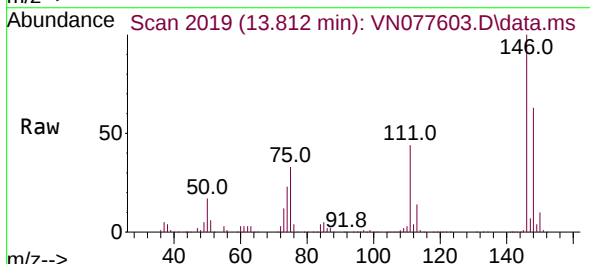
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

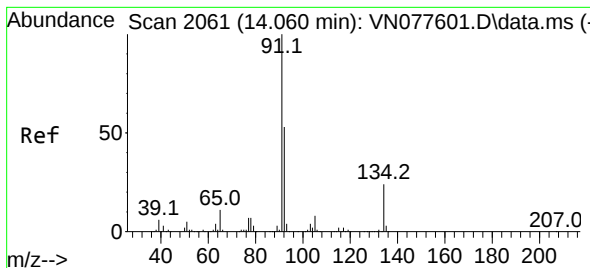
Tgt Ion:146 Resp: 1181385
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.1
148 63.6 32.5 97.4



#84
1,4-Dichlorobenzene
Concen: 85.568 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:146 Resp: 1193464
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.4
148 63.0 31.1 93.5





#85

n-Butylbenzene

Concen: 96.728 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

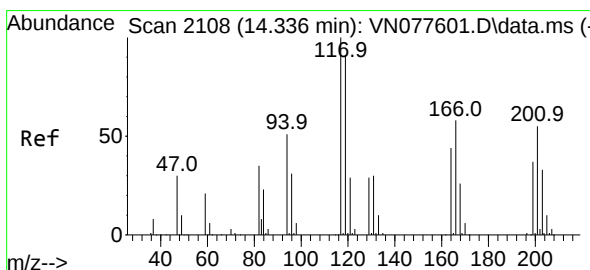
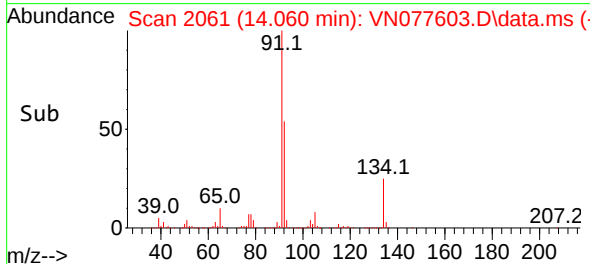
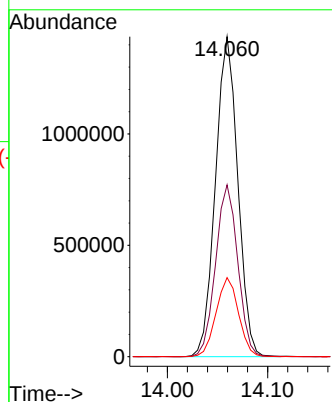
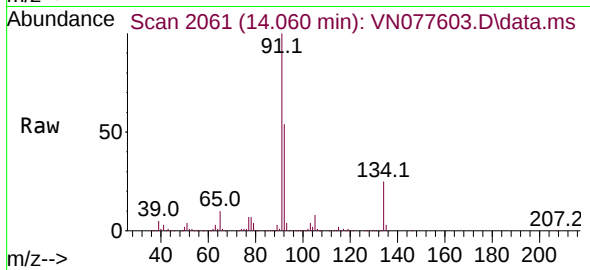
Tgt Ion: 91 Resp: 2222659

Ion Ratio Lower Upper

91 100

92 53.4 0.0 107.0

134 24.8 0.0 50.2



#86

Hexachloroethane

Concen: 86.320 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077603.D

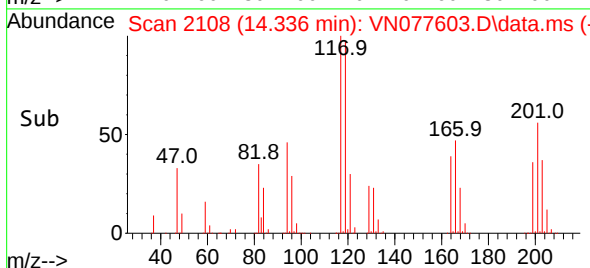
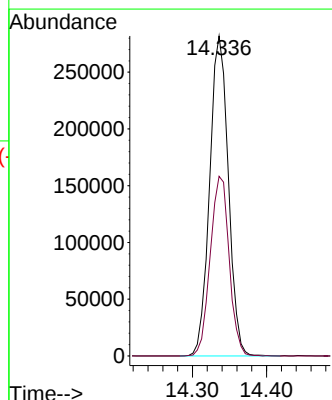
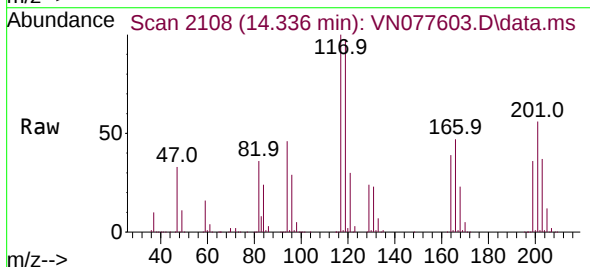
Acq: 05 May 2023 20:30

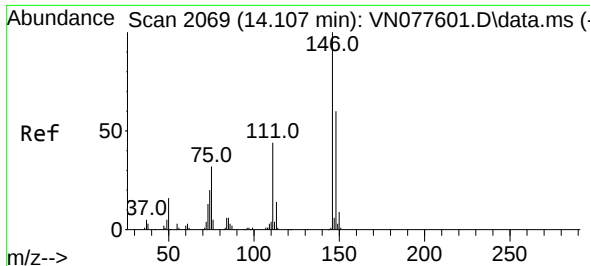
Tgt Ion: 117 Resp: 493301

Ion Ratio Lower Upper

117 100

201 56.8 28.1 84.4

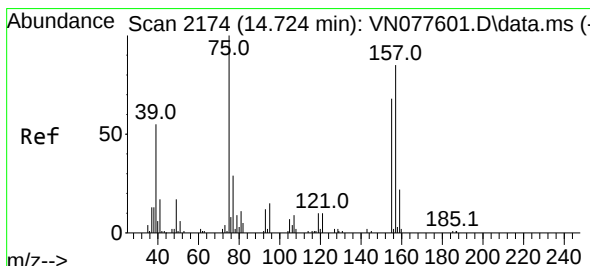
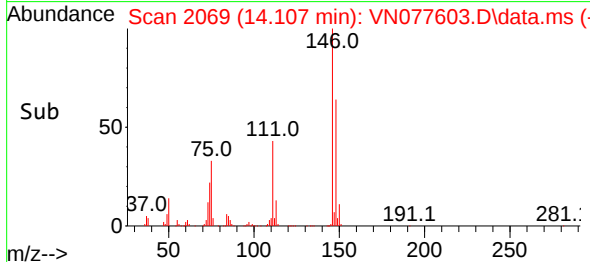
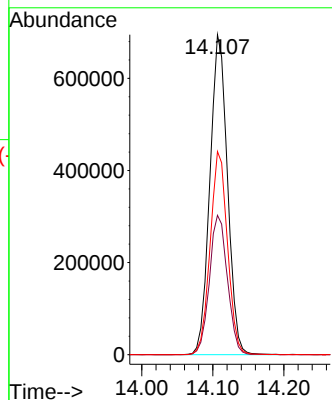
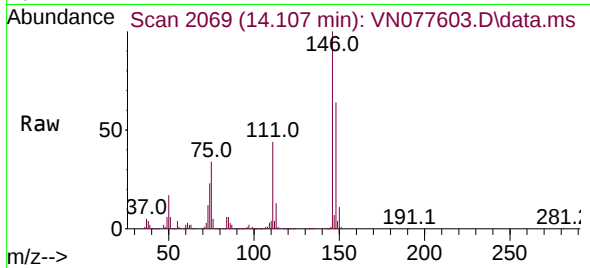




#87
 1,2-Dichlorobenzene
 Concen: 83.215 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30

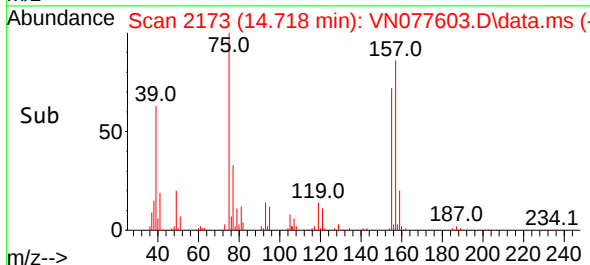
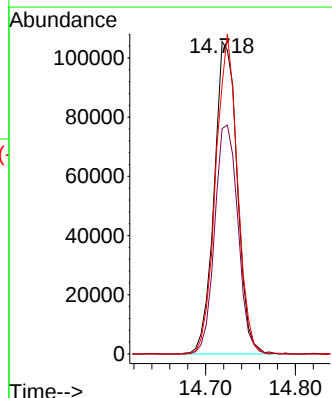
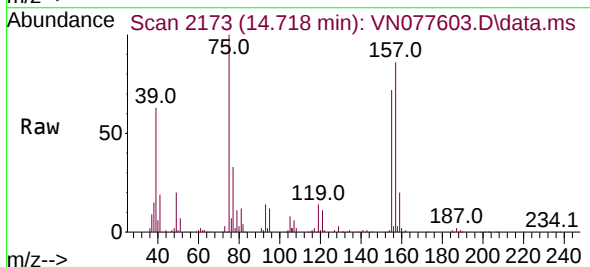
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

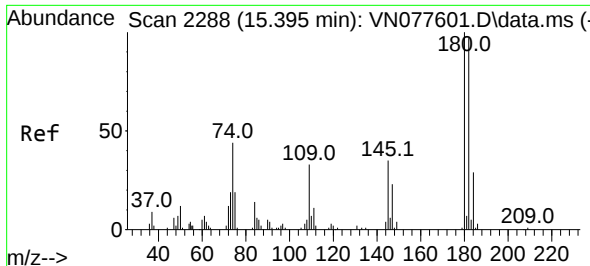
Tgt Ion:146 Resp: 1192057
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.7 68.0
 148 62.7 31.0 93.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 82.761 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30

Tgt Ion: 75 Resp: 187593
 Ion Ratio Lower Upper
 75 100
 155 73.9 63.1 94.7
 157 96.8 75.5 113.3

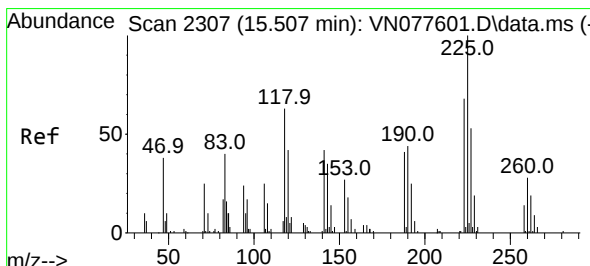
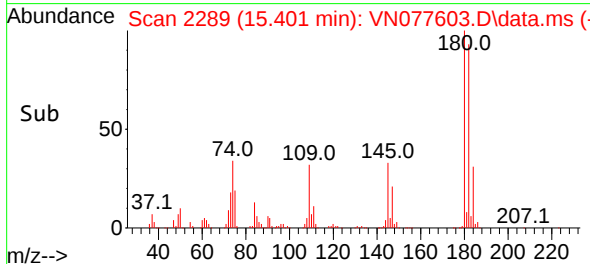
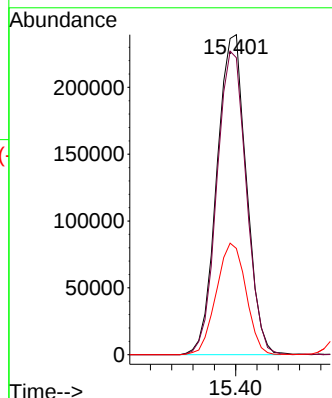
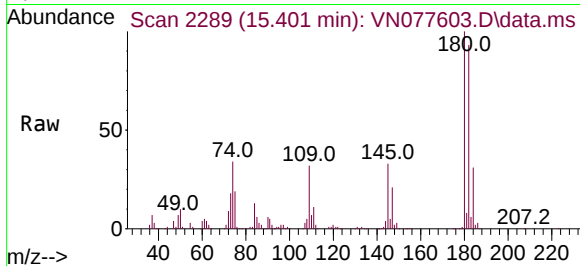




#89
1,2,4-Trichlorobenzene
Concen: 79.674 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

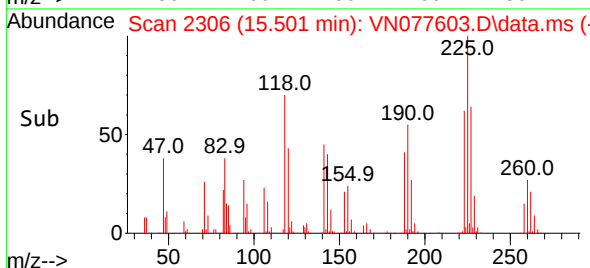
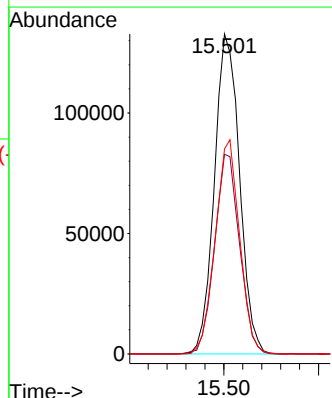
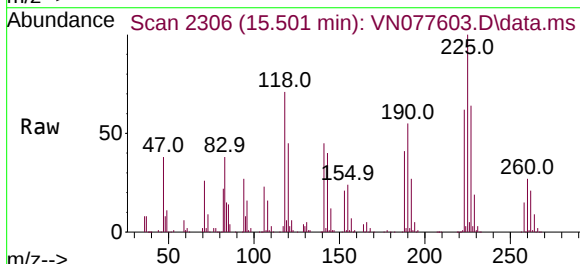
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

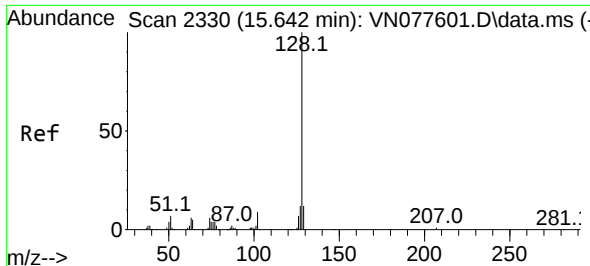
Tgt Ion:180 Resp: 459872
Ion Ratio Lower Upper
180 100
182 94.4 75.1 112.7
145 35.0 28.6 43.0



#90
Hexachlorobutadiene
Concen: 84.653 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:225 Resp: 245396
Ion Ratio Lower Upper
225 100
223 62.0 0.0 132.2
227 64.9 0.0 116.2

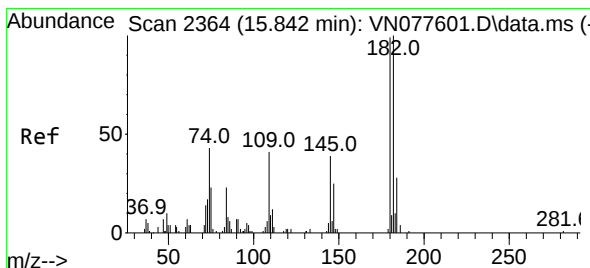
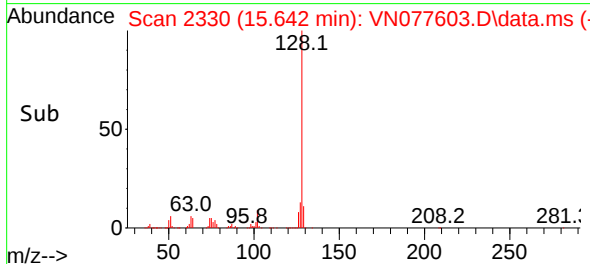
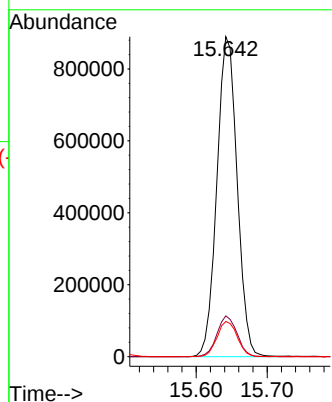
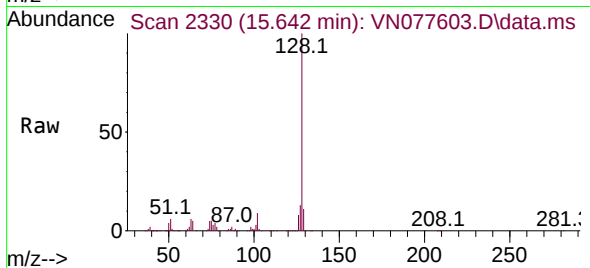




#91
Naphthalene
Concen: 79.329 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 1758122
Ion Ratio Lower Upper
128 100
127 12.6 9.6 14.4
129 11.0 9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 78.667 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:180 Resp: 421239
Ion Ratio Lower Upper
180 100
182 95.3 0.0 193.4
145 37.4 0.0 78.6

